

Data File : BM020693.D
Acq On : 04 Jun 2019 07:06
Operator : HP/JU
Sample : PB120172BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Quant Time: Jun 04 07:47:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	732079	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	2832350	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	1494676	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	2926040	20.00	ng	0.00
76) Chrysene-d12	21.38	240	2720909	20.00	ng	-0.02
87) Perylene-d12	23.67	264	3404396	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	5440885	130.74	ng	0.00
7) Phenol-d6	7.00	99	7111216	116.04	ng	0.01
23) Nitrobenzene-d5	8.99	82	3912832	71.58	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	2644462	142.80	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	8529969	75.87	ng	0.00
79) Terphenyl-d14	19.83	244	9161175	56.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	220175	12.922	ng	97
3) Pyridine	3.75	79	608592	11.226	ng	99
4) n-Nitrosodimethylamine	3.66	42	266851	11.419	ng	97
6) Aniline	7.17	93	728336	8.214	ng	99
8) 2-Chlorophenol	7.39	128	616567	11.909	ng	99
9) Benzaldehyde	6.97	77	219370	2.665	ng	99
10) Phenol	7.03	94	748388	11.332	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	576510	10.954	ng	96
12) 1,3-Dichlorobenzene	7.72	146	684990	11.512	ng	97
13) 1,4-Dichlorobenzene	7.86	146	700451	11.579	ng	98
14) 1,2-Dichlorobenzene	8.17	146	664440	11.287	ng	100
15) Benzyl Alcohol	8.06	79	559867	10.327	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	789196	9.713	ng	100
17) 2-Methylphenol	8.26	107	499710	10.761	ng	99
18) Hexachloroethane	8.90	117	256524	11.076	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	475483	9.653	ng	97
20) 3+4-Methylphenols	8.59	107	667266	10.561	ng	98
22) Acetophenone	8.65	105	897364	12.472	ng	# 96
24) Nitrobenzene	9.03	77	707726	12.682	ng	98
25) Isophorone	9.55	82	1245181	11.451	ng	100
26) 2-Nitrophenol	9.73	139	315297	15.159	ng	99
27) 2,4-Dimethylphenol	9.79	122	533256	13.682	ng	97
28) bis(2-Chloroethoxy)methane	10.03	93	741371	11.276	ng	99
29) 2,4-Dichlorophenol	10.26	162	541327	12.554	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	621114	12.527	ng	99
31) Naphthalene	10.67	128	1829294	12.560	ng	99
32) Benzoic acid	9.90	122	324020	16.930	ng	95
33) 4-Chloroaniline	10.78	127	286908	4.233	ng	98
34) Hexachlorobutadiene	10.95	225	359585	12.087	ng	99
35) Caprolactam	11.56	113	158340	10.570	ng	97
36) 4-Chloro-3-methylphenol	11.89	107	561116	11.192	ng	99
37) 2-Methylnaphthalene	12.28	142	1298613	12.029	ng	99
38) 1-Methylnaphthalene	12.50	142	1227100	11.937	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	640578	13.078	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	728786	24.878	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	403824	12.808	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	422342	12.975	ng	98
46) 1,1'-Biphenyl	13.29	154	1601279	12.828	ng	99
47) 2-Chloronaphthalene	13.34	162	1219501	12.104	ng	99
48) 2-Nitroaniline	13.55	65	345450	10.924	ng	91
49) Acenaphthylene	14.19	152	1918865	12.207	ng	99
50) Dimethylphthalate	13.92	163	1406970	11.018	ng	100
51) 2,6-Dinitrotoluene	14.04	165	301135	11.614	ng	95
52) Acenaphthene	14.53	154	1119781	11.953	ng	99
53) 3-Nitroaniline	14.37	138	197156	6.812	ng	100
54) 2,4-Dinitrophenol	14.57	184	238587	26.707	ng	95
55) Dibenzofuran	14.86	168	1720445	11.824	ng	98
56) 4-Nitrophenol	14.67	139	507551	23.799	ng	92
57) 2,4-Dinitrotoluene	14.83	165	393180	11.325	ng	96
58) Fluorene	15.51	166	1372851	11.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	347036	12.235	ng	99
60) Diethylphthalate	15.29	149	1366392	10.375	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	686373	10.834	ng	96
62) 4-Nitroaniline	15.53	138	291204	9.487	ng	96
63) Azobenzene	15.80	77	1338250	10.599	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	148044	17.877	ng	98
66) n-Nitrosodiphenylamine	15.72	169	1138059	12.150	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	390604	11.338	ng	95
68) Hexachlorobenzene	16.50	284	461250	11.466	ng	99
69) Atrazine	16.67	200	352669	12.615	ng	100
70) Pentachlorophenol	16.85	266	536650	27.963	ng	100
71) Phenanthrene	17.25	178	1934493	11.664	ng	99
72) Anthracene	17.34	178	1978643	11.919	ng	100
73) Carbazole	17.61	167	1743530	11.574	ng	99
74) Di-n-butylphthalate	18.17	149	2055858	10.513	ng	100
75) Fluoranthene	19.26	202	2084197	11.300	ng	100
77) Benzidine	19.45	184	1058147	12.834	ng	100
78) Pyrene	19.62	202	2129763	10.200	ng	99
80) Butylbenzylphthalate	20.53	149	889440	10.080	ng	95
81) Benzo(a)anthracene	21.37	228	2045729	10.797	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	645716	9.306	ng	100
83) Chrysene	21.42	228	2013530	11.179	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1226499	9.564	ng	99
85) Di-n-octyl phthalate	22.19	149	2092475	10.277	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	2948918	16.004	ng	99
88) Benzo(b)fluoranthene	22.98	252	2249055	9.995	ng	99
89) Benzo(k)fluoranthene	23.03	252	2258469	10.271	ng	99
90) Benzo(a)pyrene	23.57	252	2281710	11.180	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	2476091	12.505	ng	99
92) Benzo(g,h,i)perylene	26.70	276	2421291	13.165	ng	99

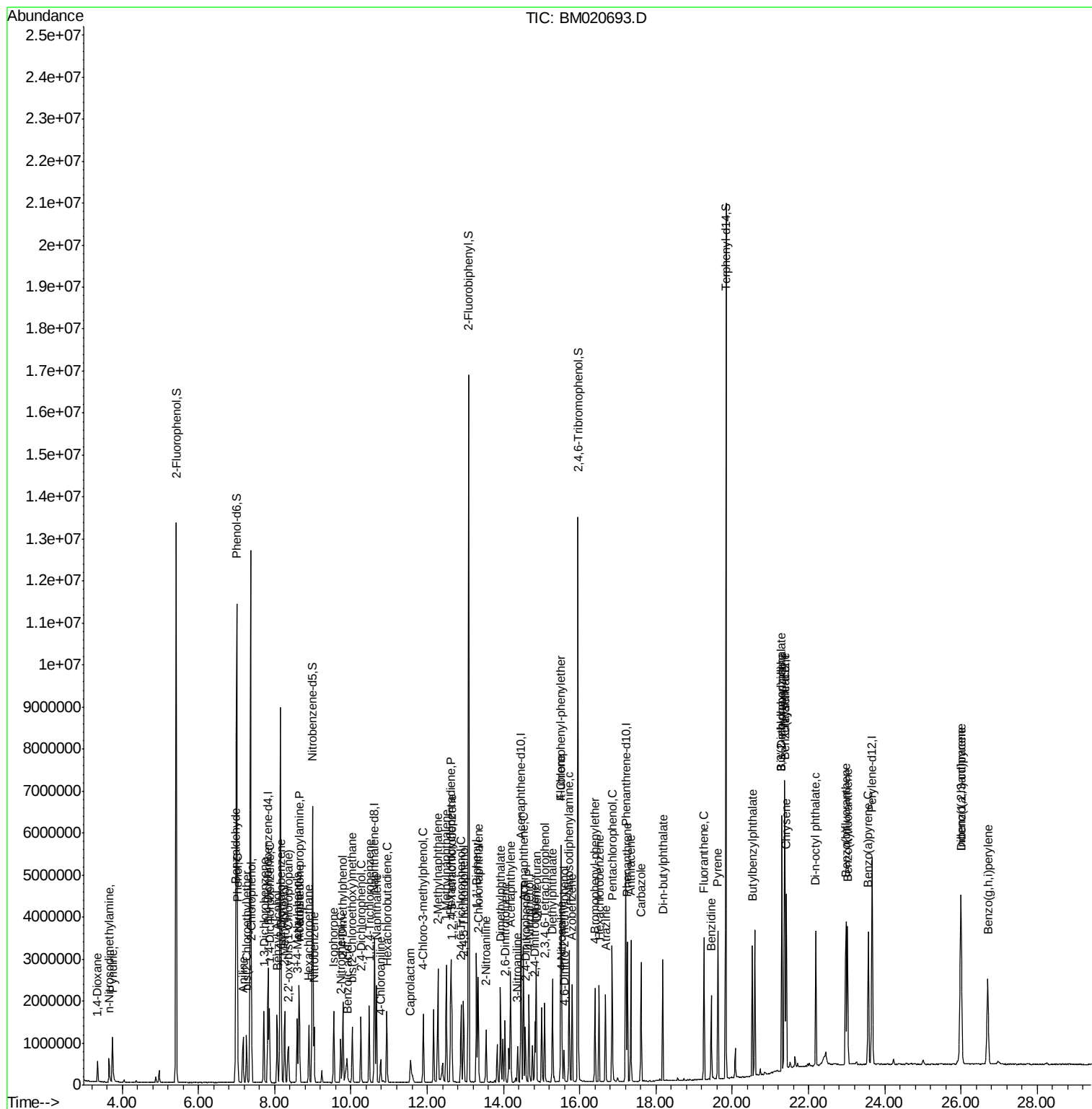
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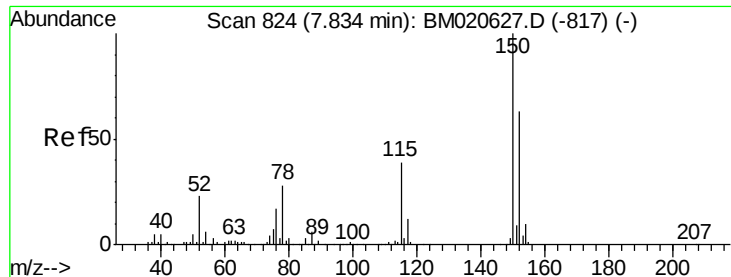
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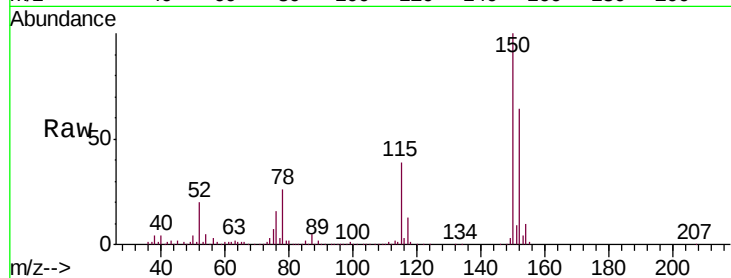


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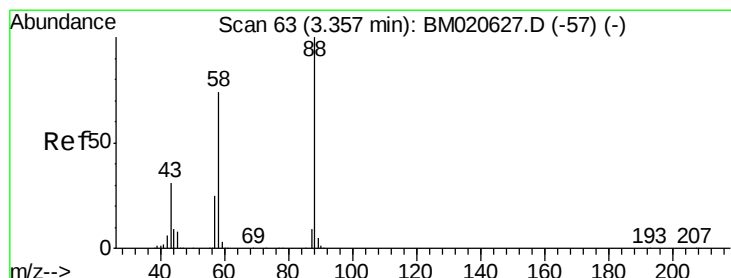
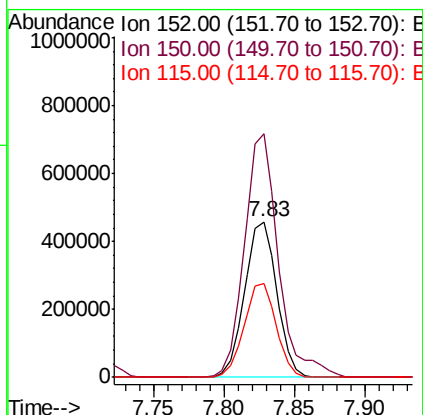
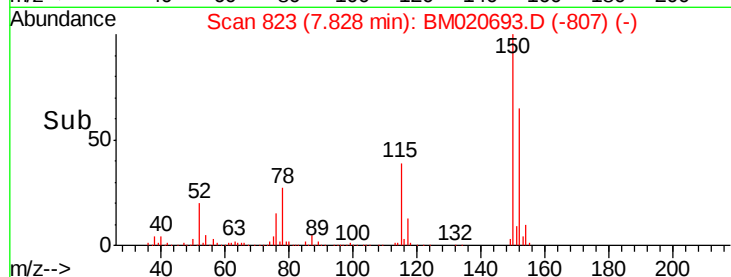
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion:152 Resp: 732079
Ion Ratio Lower Upper
152 100
150 156.2 126.0 189.0
115 60.6 49.6 74.4



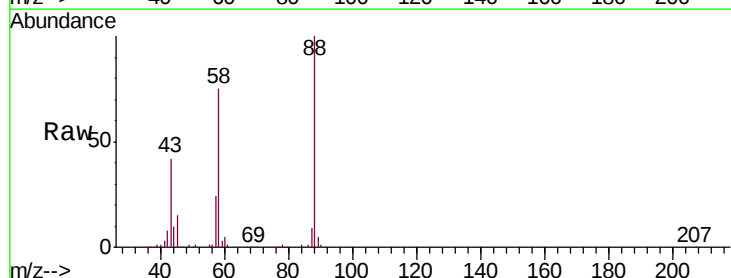
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



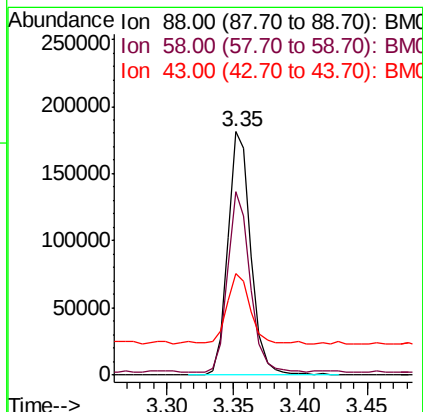
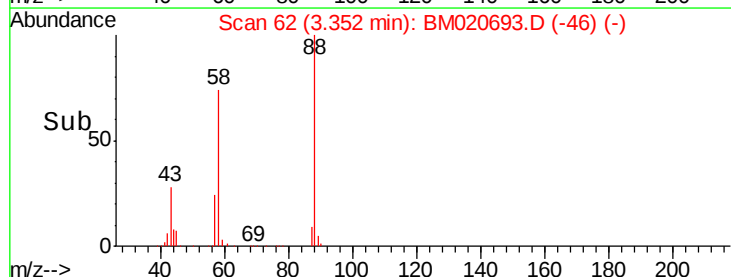
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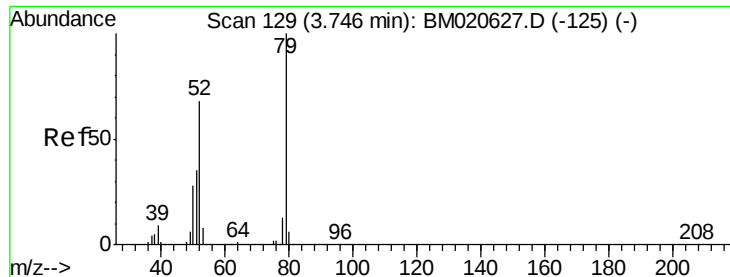
1,4-Dioxane
Concen: 12.922 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion: 88 Resp: 220175
Ion Ratio Lower Upper
88 100
58 72.3 60.2 90.4
43 29.6 25.3 37.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0

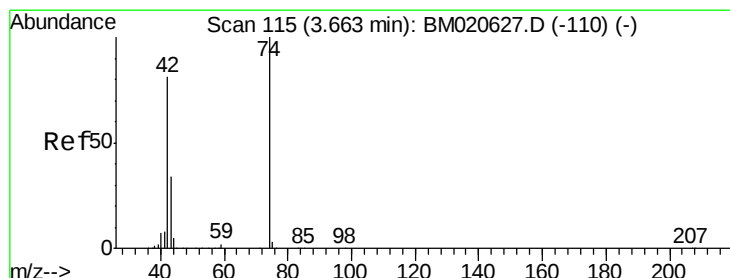
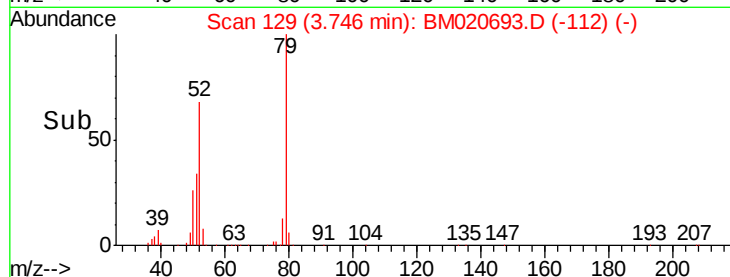
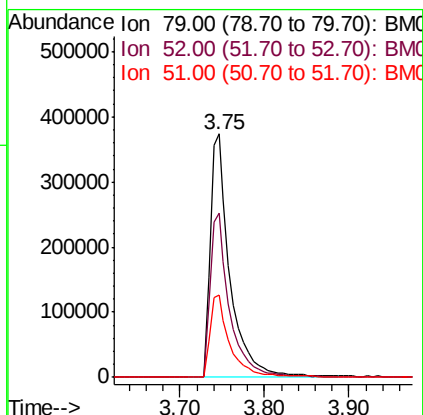
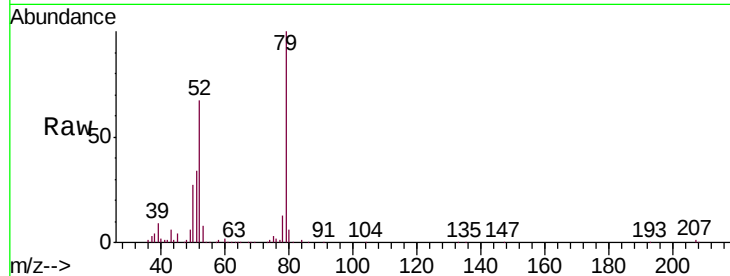




#3
 Pyridine
 Concen: 11.226 ng
 RT: 3.75 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

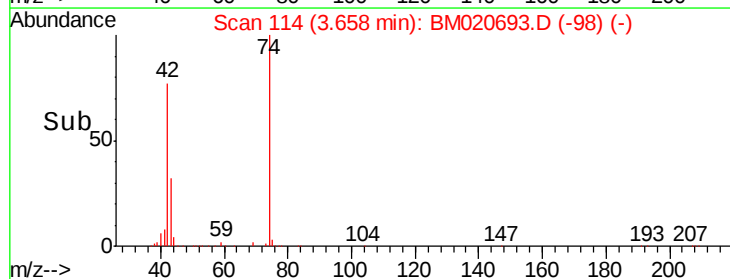
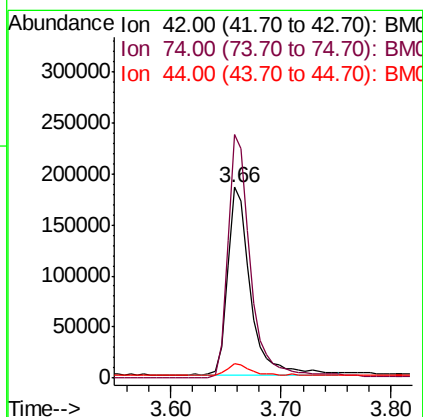
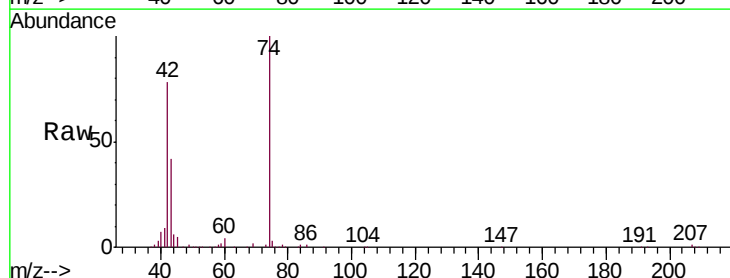
Instrument :
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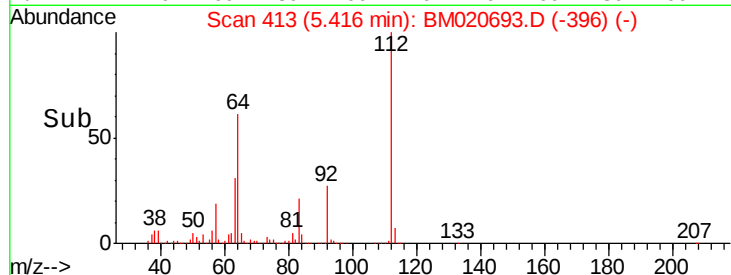
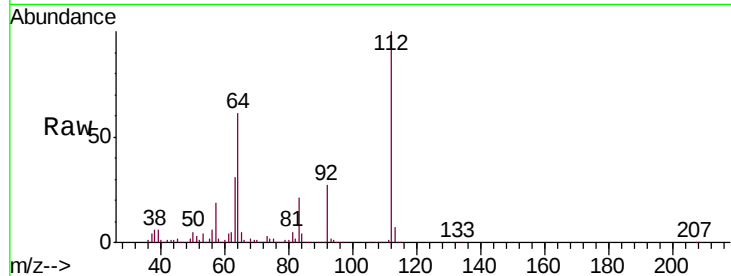
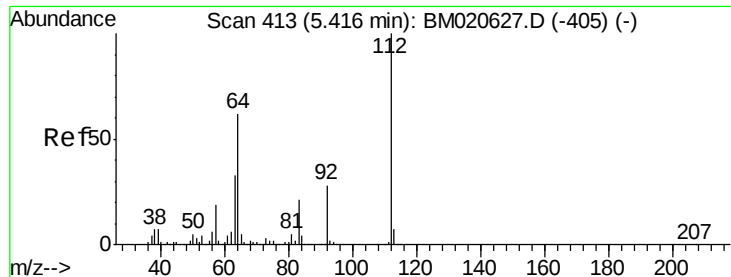
Tgt Ion: 79 Resp: 608592
 Ion Ratio Lower Upper
 79 100
 52 67.5 54.1 81.1
 51 33.9 28.6 42.8



#4
 n-Nitrosodimethylamine
 Concen: 11.419 ng
 RT: 3.66 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Tgt Ion: 42 Resp: 266851
 Ion Ratio Lower Upper
 42 100
 74 127.7 99.4 149.0
 44 7.4 5.8 8.8





#5

2-Fluorophenol

Concen: 130.736 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

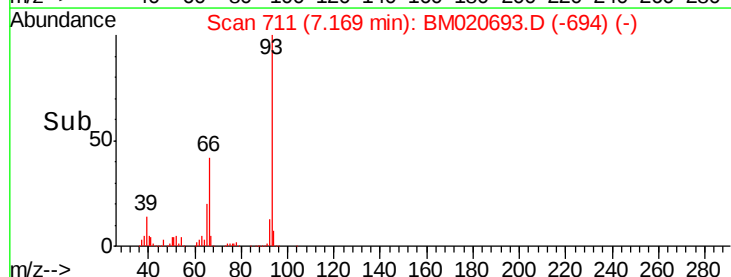
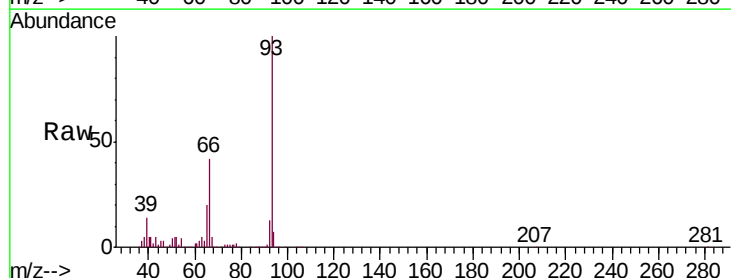
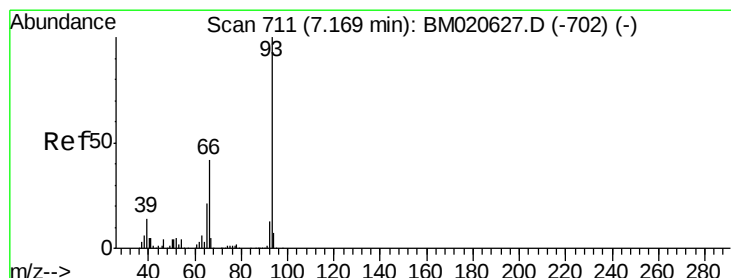
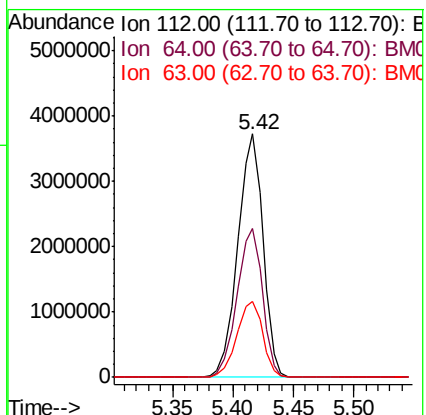
Tgt Ion:112 Resp: 5440885

Ion Ratio Lower Upper

112 100

64 61.1 49.7 74.5

63 31.4 26.4 39.6



#6

Aniline

Concen: 8.214 ng

RT: 7.17 min Scan# 711

Delta R.T. 0.00 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

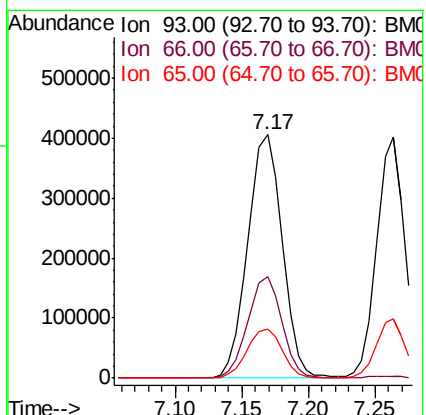
Tgt Ion: 93 Resp: 728336

Ion Ratio Lower Upper

93 100

66 41.8 33.6 50.4

65 19.9 16.7 25.1





#7

Phenol-d6

Concen: 116.044 ng

RT: 7.00 min Scan# 683

Delta R.T. 0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

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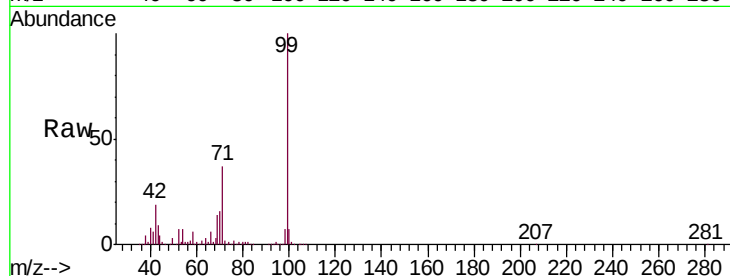
Tgt Ion: 99 Resp: 7111216

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

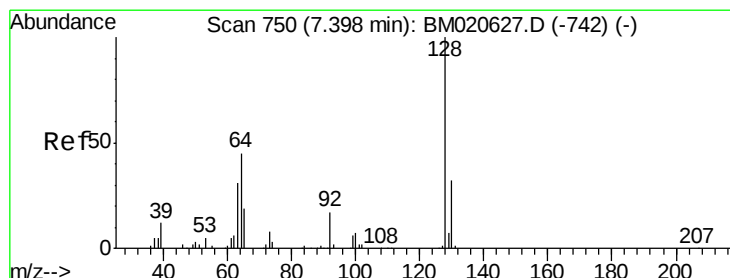
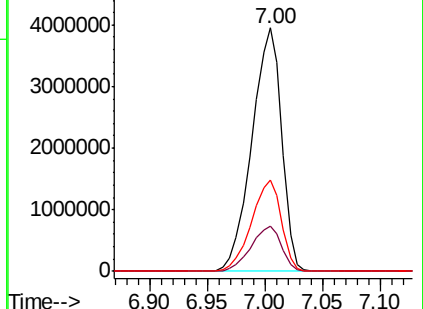
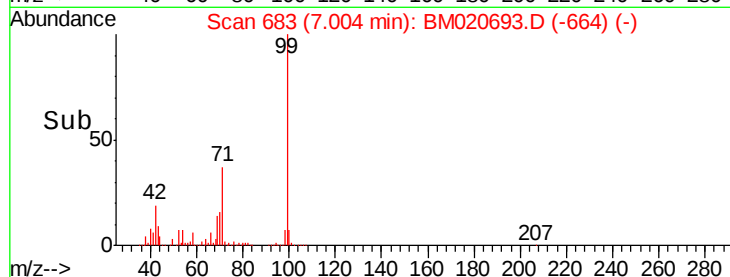
71 37.4 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020693.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020693.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020693.D (-664) (-)



#8

2-Chlorophenol

Concen: 11.909 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020693.D

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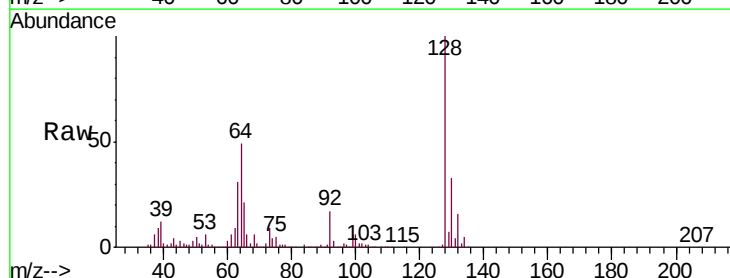
Tgt Ion: 128 Resp: 616567

Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

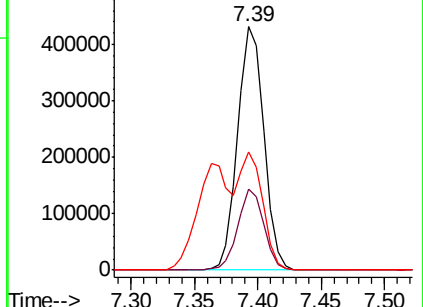
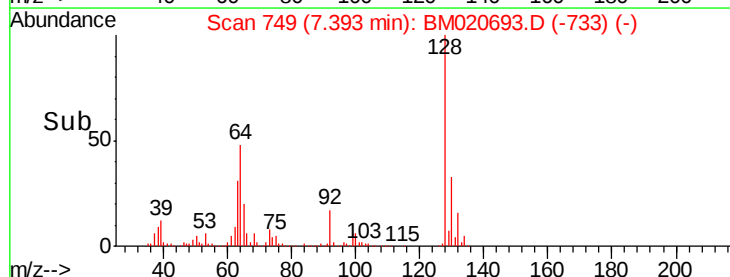
64 48.5 29.1 69.1

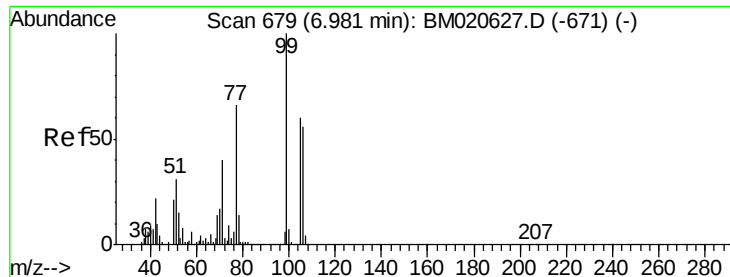


Abundance Ion 128.00 (127.70 to 128.70): BM020693.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020693.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020693.D (-733) (-)





#9

Benzaldehyde

Concen: 2.665 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020693.D

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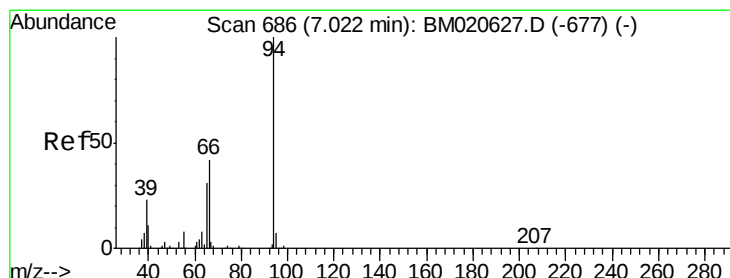
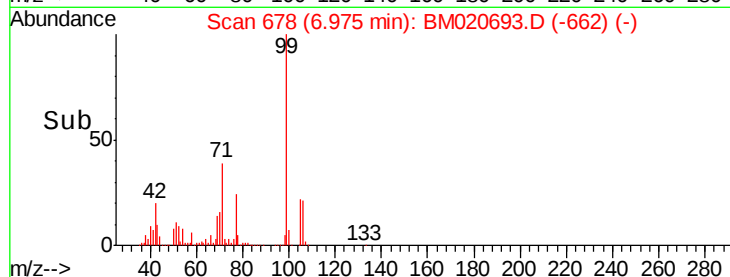
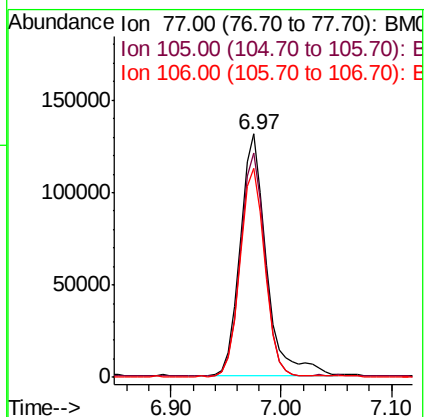
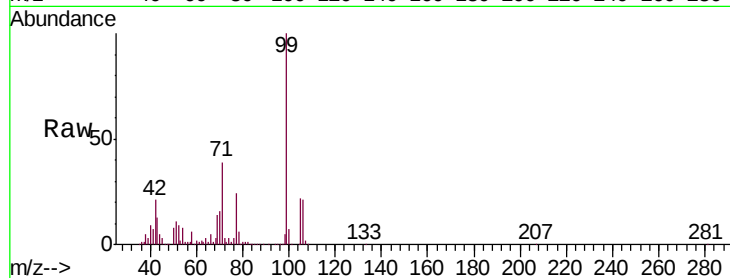
Tgt Ion: 77 Resp: 219370

Ion Ratio Lower Upper

77 100

105 92.2 70.6 110.6

106 85.9 64.9 104.9



#10

Phenol

Concen: 11.332 ng

RT: 7.03 min Scan# 687

Delta R.T. 0.01 min

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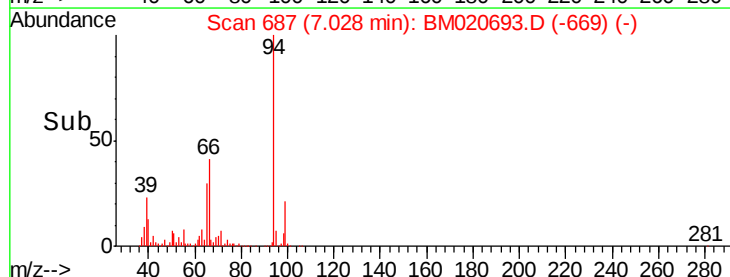
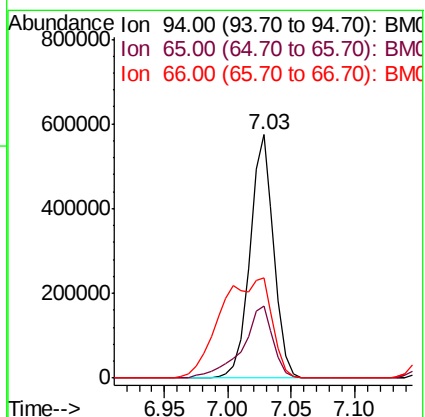
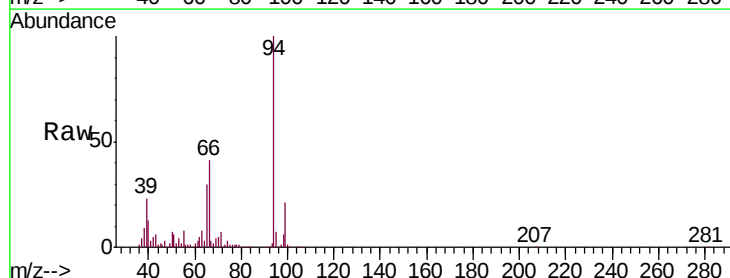
Tgt Ion: 94 Resp: 748388

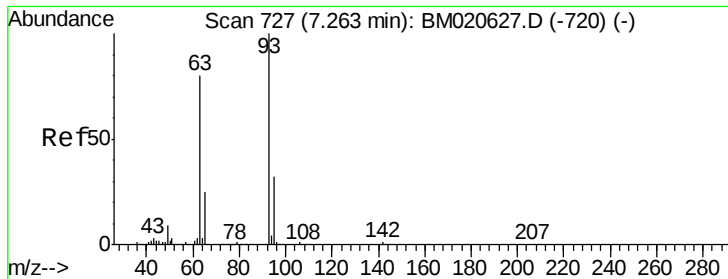
Ion Ratio Lower Upper

94 100

65 29.7 10.7 50.7

66 41.2 22.3 62.3

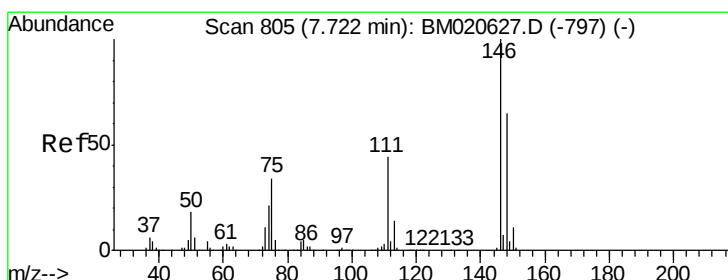
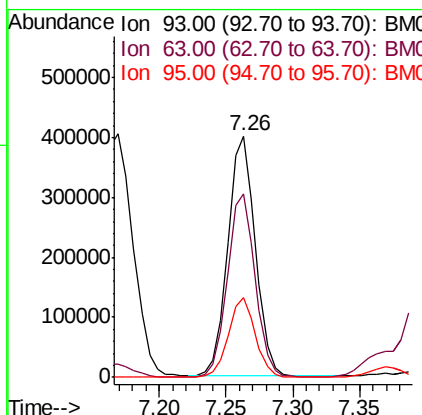
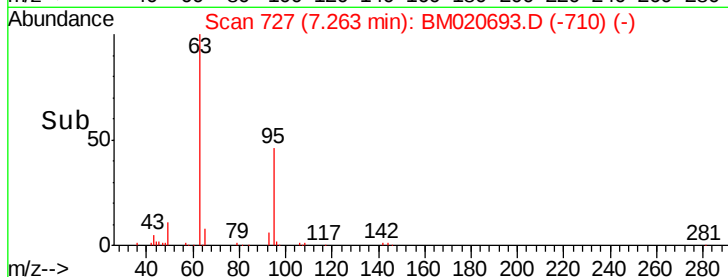
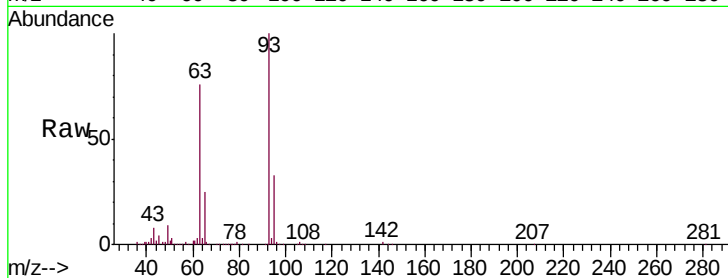




#11
bis(2-Chloroethyl)ether
Concen: 10.954 ng
RT: 7.26 min Scan# 727
Delta R.T. 0.00 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

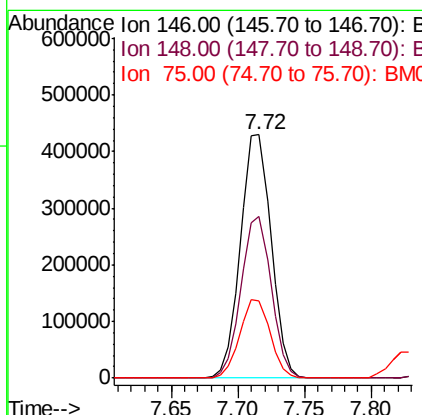
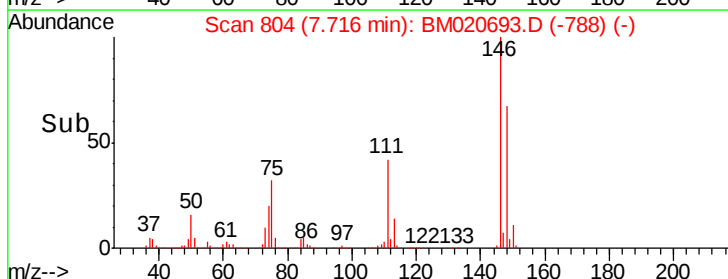
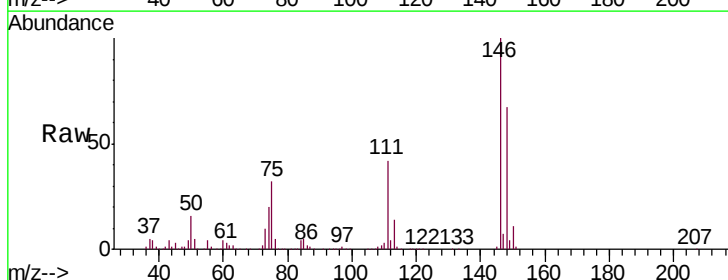
Instrument :
BNA_M
ClientSampleId :
PB120172BS

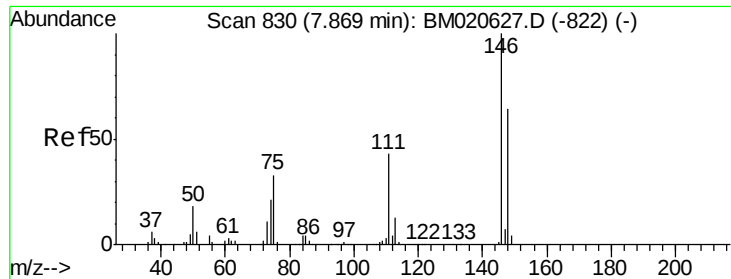
Tgt Ion: 93 Resp: 576510
Ion Ratio Lower Upper
93 100
63 75.8 60.0 100.0
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 11.512 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion: 146 Resp: 684990
Ion Ratio Lower Upper
146 100
148 66.6 52.0 78.0
75 31.7 27.0 40.4

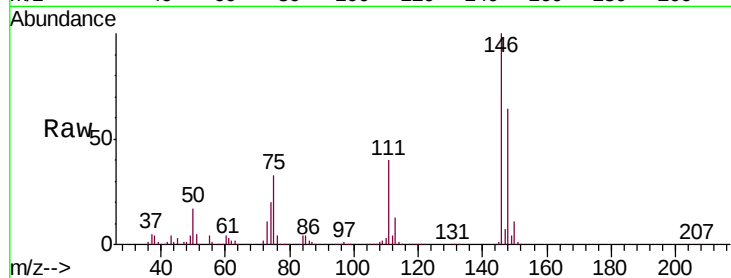




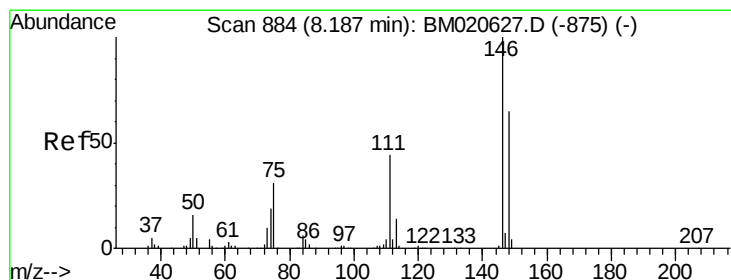
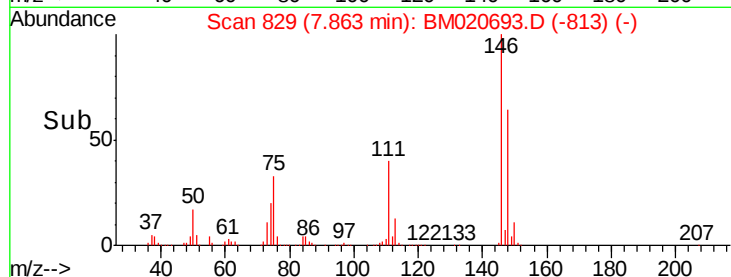
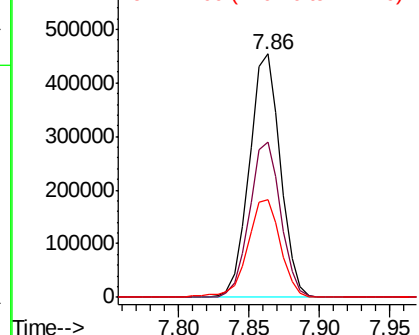
#13
 1,4-Dichlorobenzene
 Concen: 11.579 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tgt Ion:146 Resp: 700451
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 111 40.4 34.4 51.6

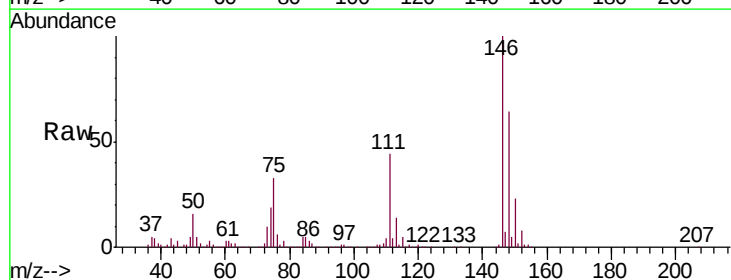


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

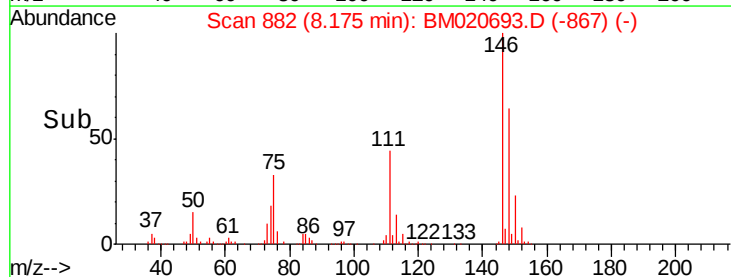
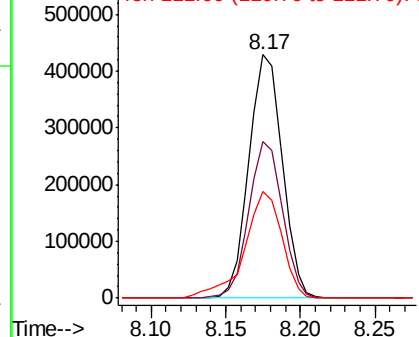


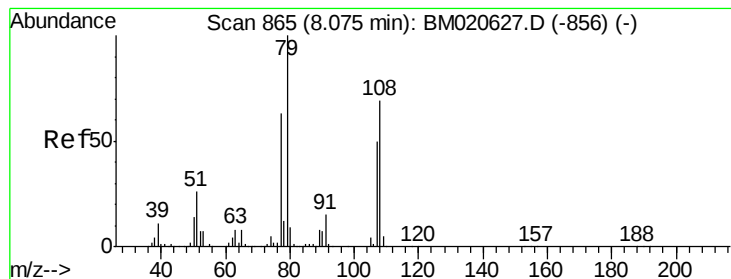
#14
 1,2-Dichlorobenzene
 Concen: 11.287 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Tgt Ion:146 Resp: 664440
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.8
 111 44.0 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.327 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

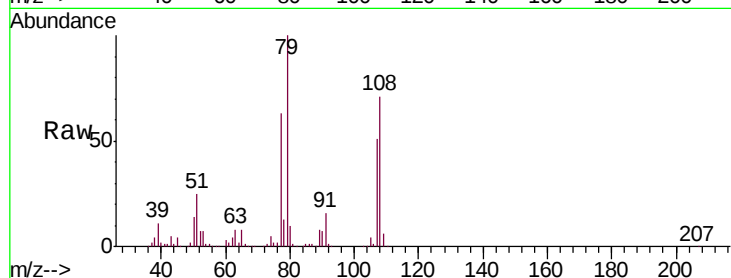
Tgt Ion: 79 Resp: 559867

Ion Ratio Lower Upper

79 100

108 71.4 54.9 82.3

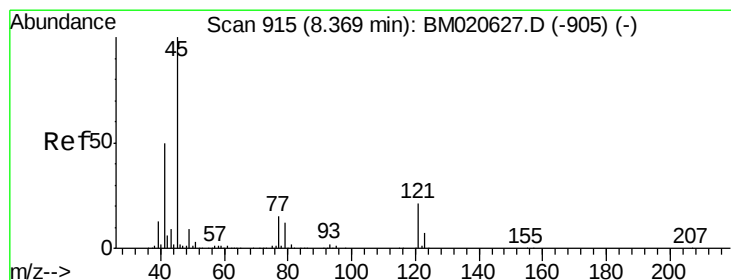
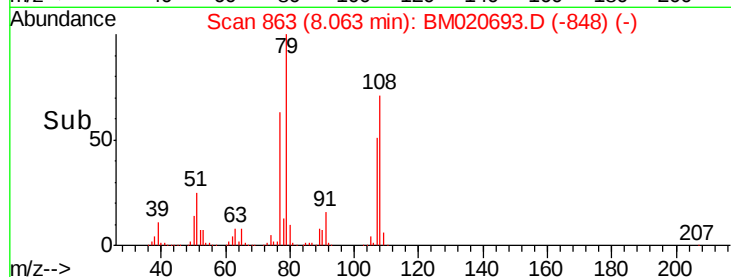
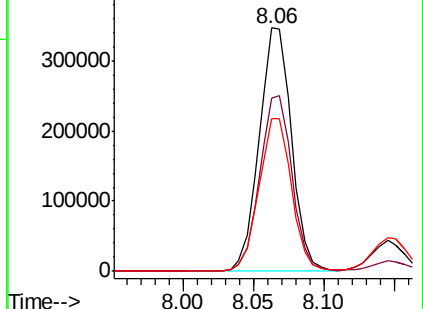
77 62.8 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-856) (-)

Ion 108.00 (107.70 to 108.70): BM020627.D (-856) (-)

Ion 77.00 (76.70 to 77.70): BM020627.D (-856) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.713 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

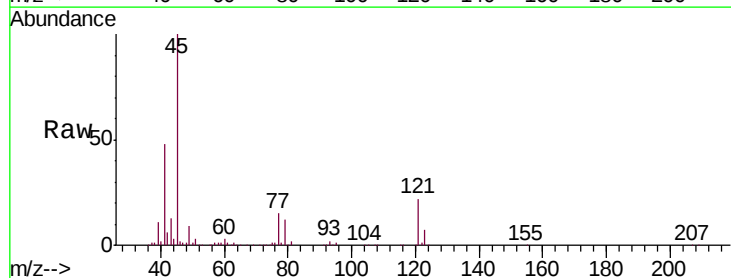
Tgt Ion: 45 Resp: 789196

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.9

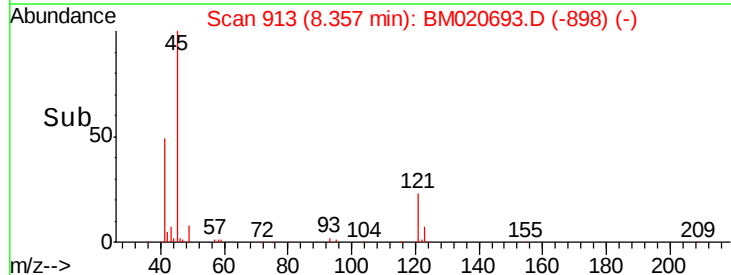
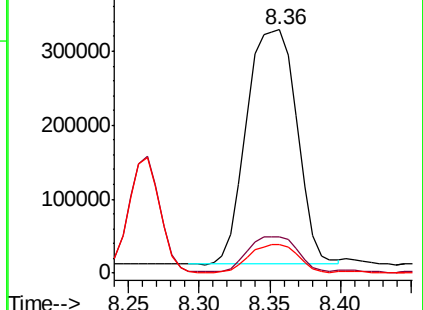
79 11.9 0.0 31.8

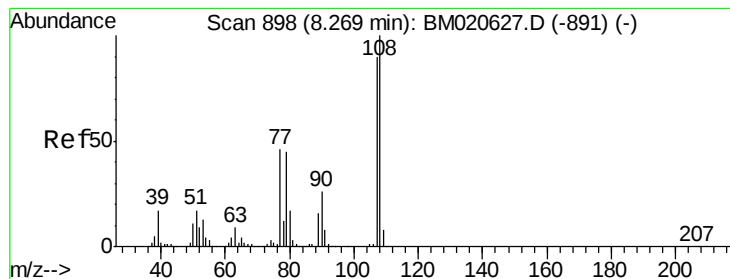


Abundance Ion 45.00 (44.70 to 45.70): BM020627.D (-905) (-)

Ion 77.00 (76.70 to 77.70): BM020627.D (-905) (-)

Ion 79.00 (78.70 to 79.70): BM020627.D (-905) (-)

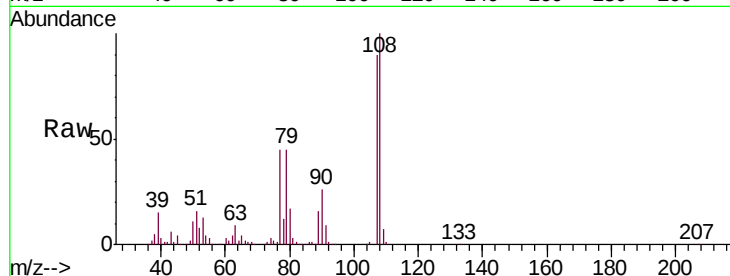




#17
2-Methylphenol
Concen: 10.761 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.6	88.6	133.0
77	49.6	40.6	61.0
79	49.3	39.9	59.9



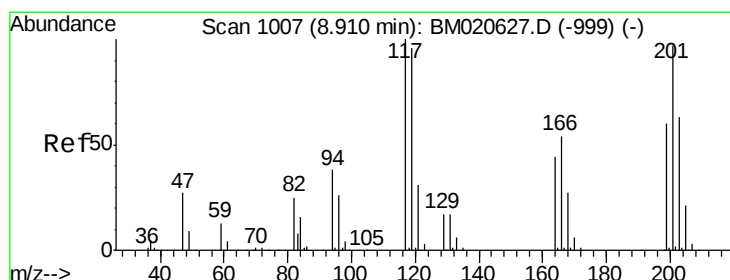
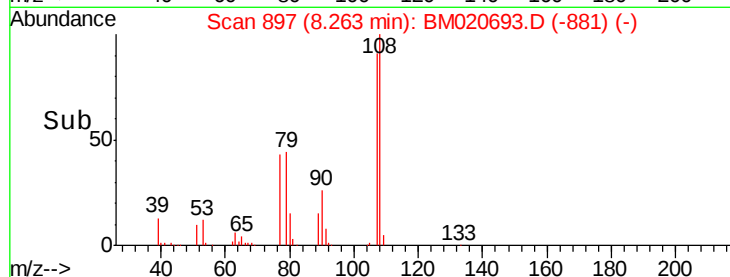
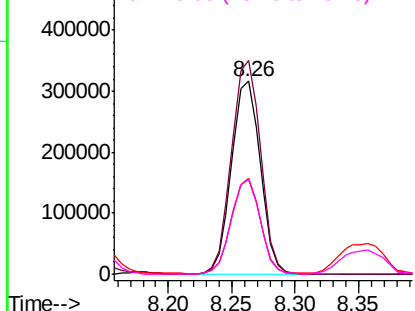
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

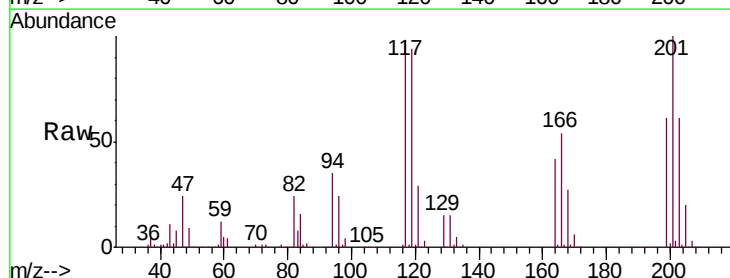
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 11.076 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.7	115.1
201	101.9	77.9	116.9

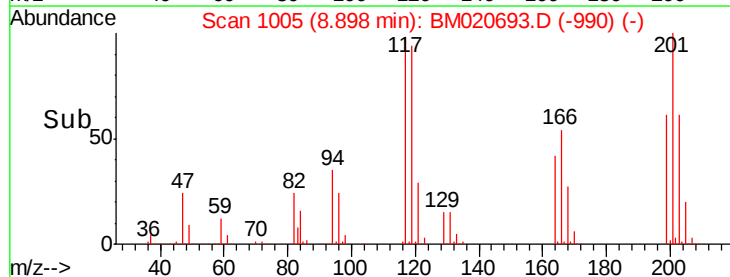
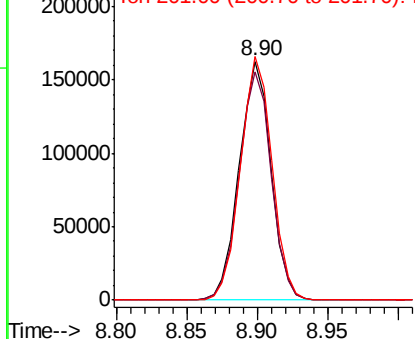


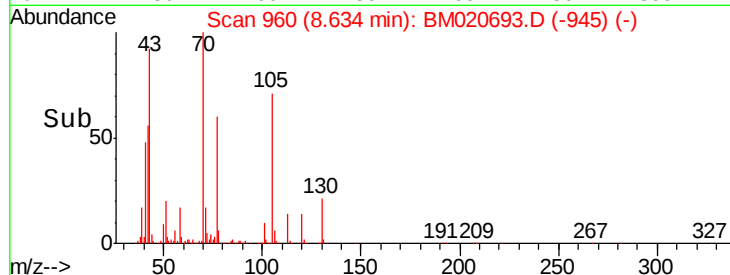
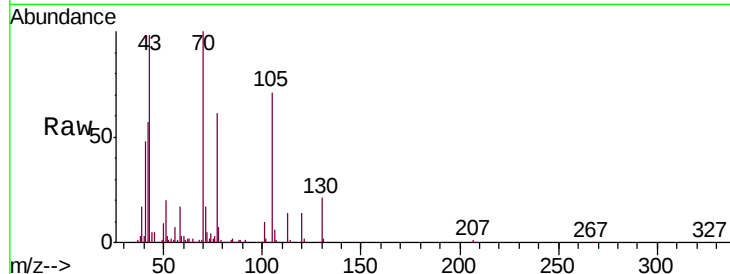
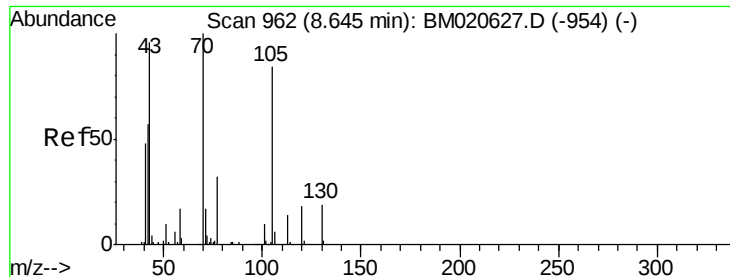
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

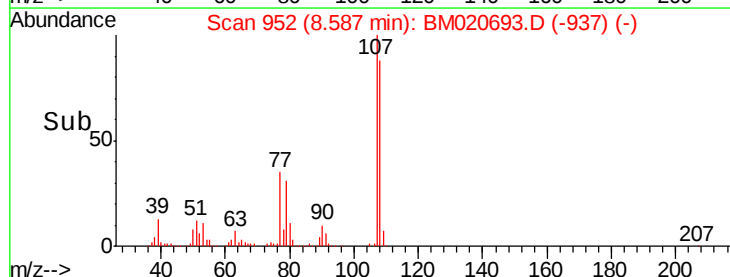
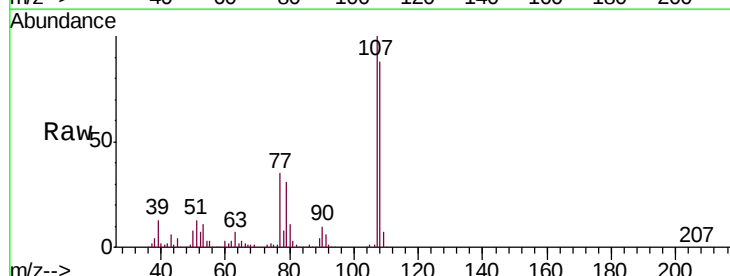
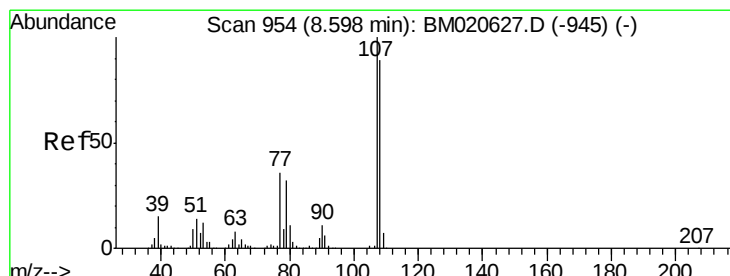
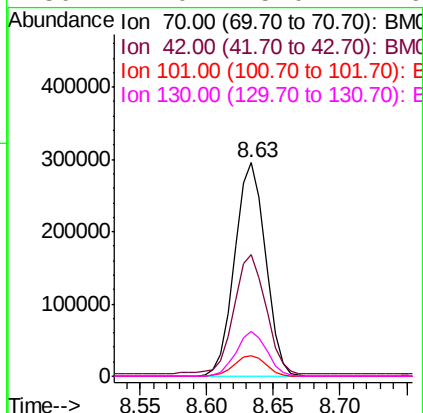




#19
n-Nitroso-di-n-propylamine
Concen: 9.653 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

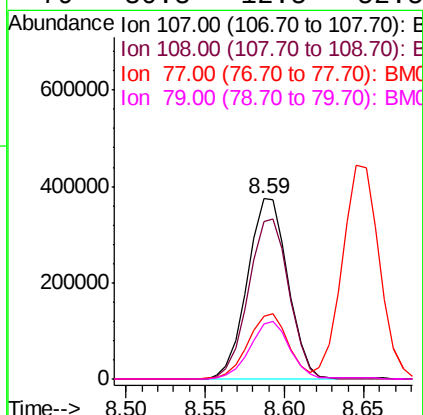
Instrument :
BNA_M
ClientSampleId :
PB120172BS

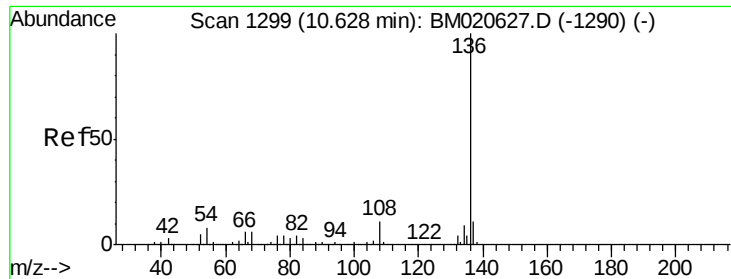
Tgt Ion:	70	Resp:	475483
Ion	Ratio	Lower	Upper
70	100		
42	56.9	46.8	70.2
101	9.9	7.8	11.6
130	21.0	15.0	22.6



#20
3+4-Methylphenols
Concen: 10.561 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:	107	Resp:	667266
Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.2	109.2
77	35.1	16.2	56.2
79	30.8	12.5	52.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tgt Ion:136 Resp: 2832350

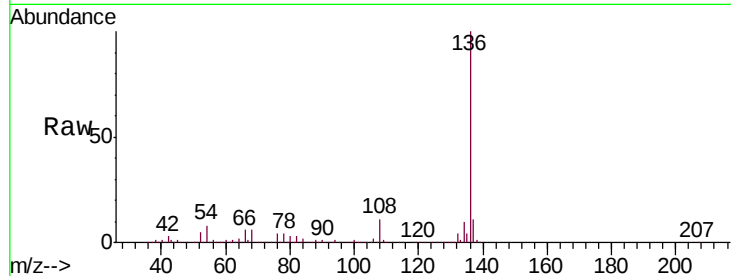
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 6.6 10.0

68 6.3 5.1 7.7

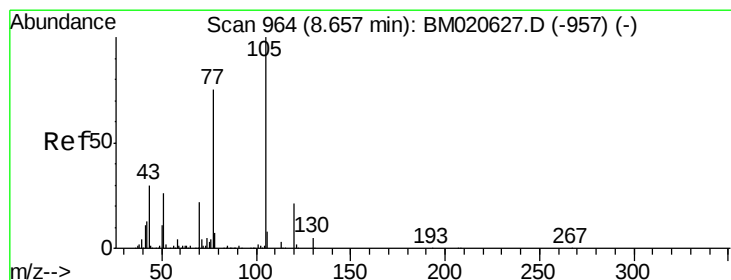
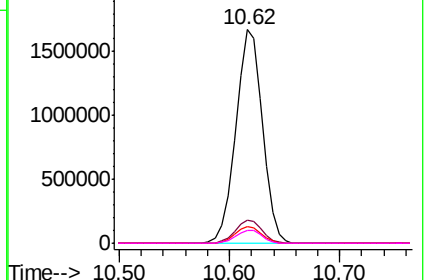
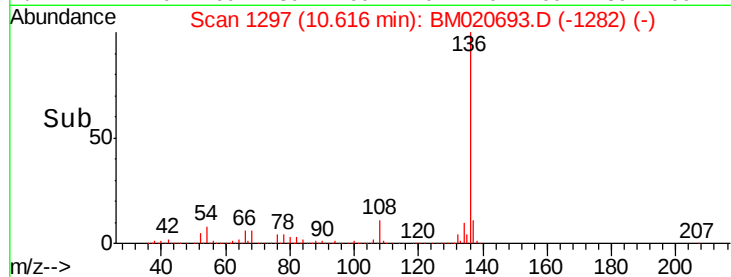


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 12.472 ng

RT: 8.65 min Scan# 963

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Tgt Ion:105 Resp: 897364

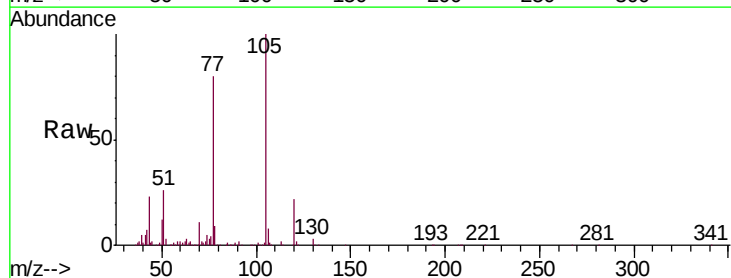
Ion Ratio Lower Upper

105 100

71 1.7 3.2 4.8#

51 26.1 22.8 34.2

120 22.1 17.0 25.4

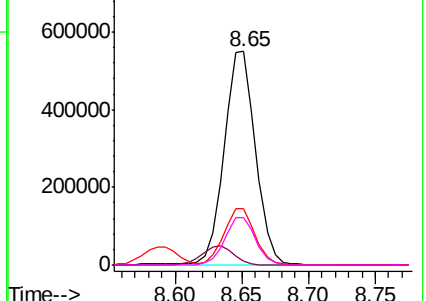
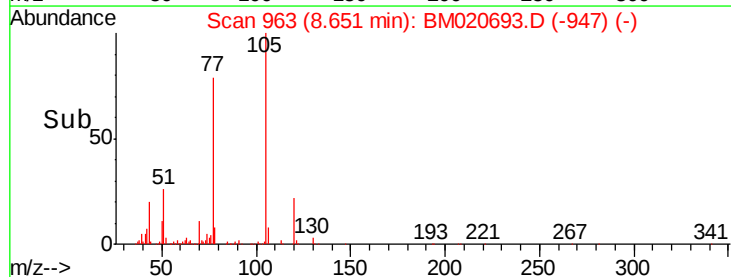


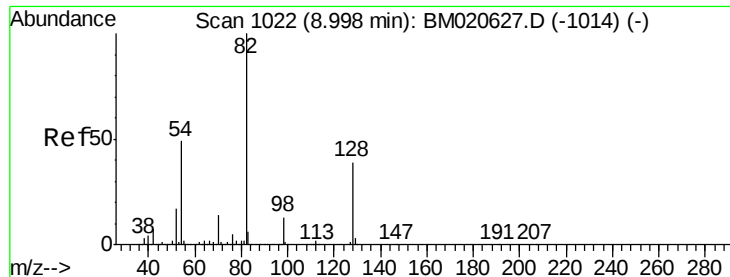
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

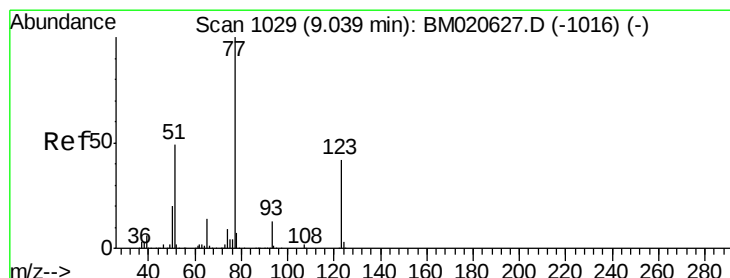
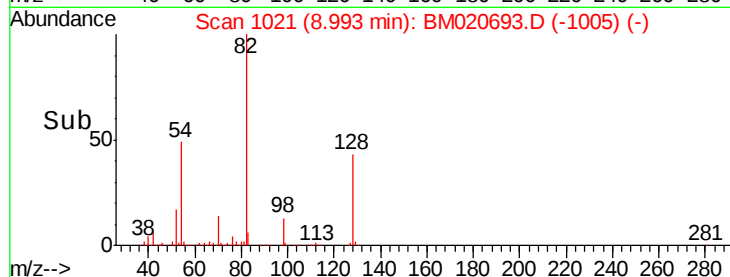
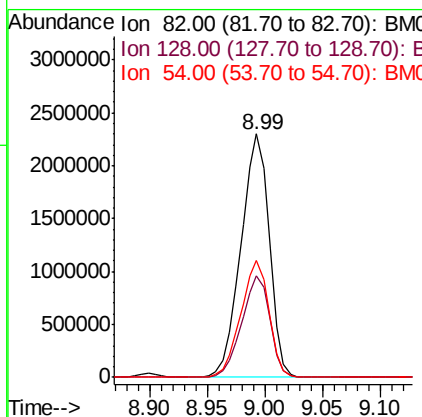
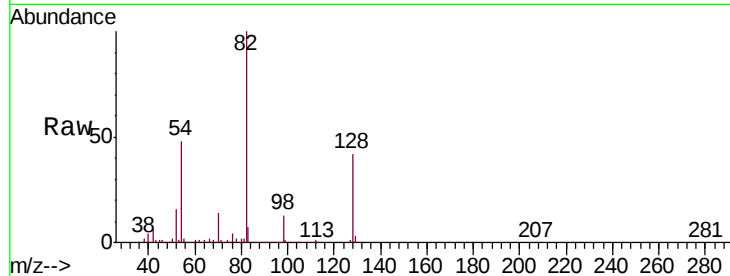




#23
 Nitrobenzene-d5
 Concen: 71.577 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

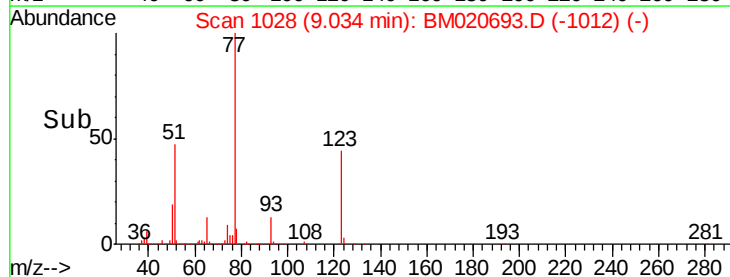
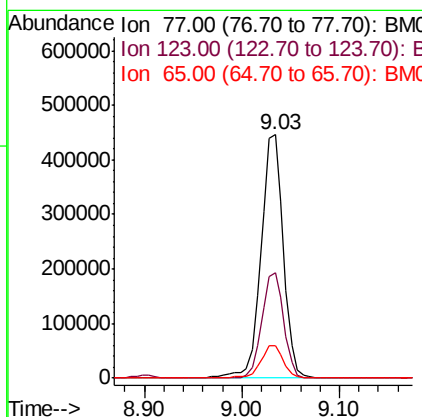
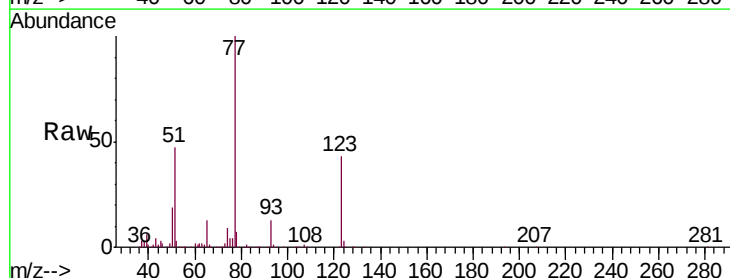
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

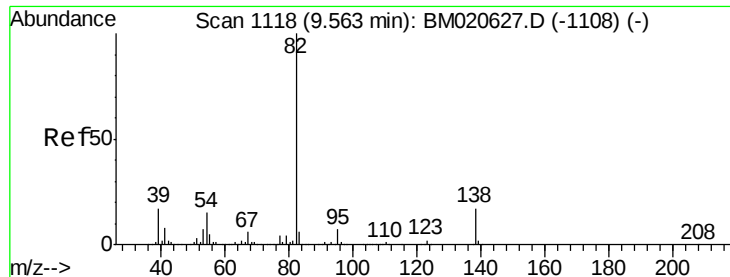
Tgt Ion: 82 Resp: 3912832
 Ion Ratio Lower Upper
 82 100
 128 41.8 31.5 47.3
 54 47.9 39.4 59.0



#24
 Nitrobenzene
 Concen: 12.682 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Tgt Ion: 77 Resp: 707726
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.7 50.5
 65 13.1 11.0 16.6





#25

Isophorone

Concen: 11.451 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

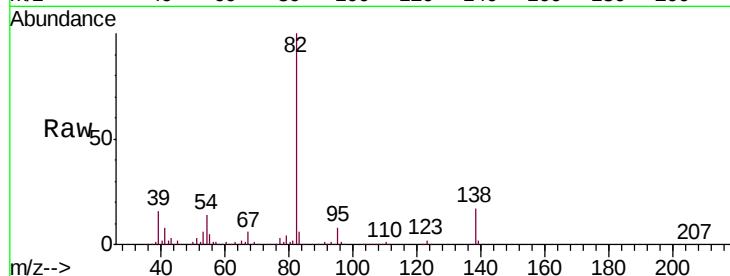
Tgt Ion: 82 Resp: 1245181

Ion Ratio Lower Upper

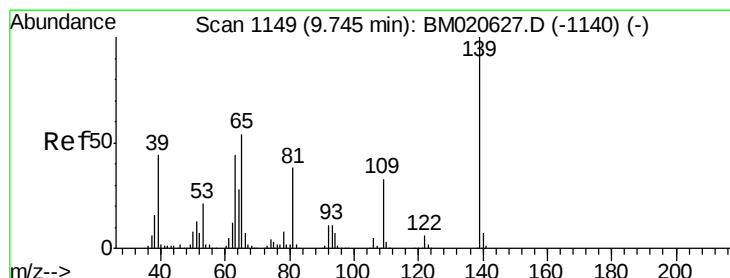
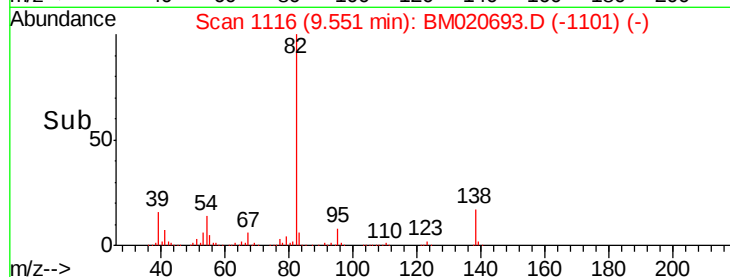
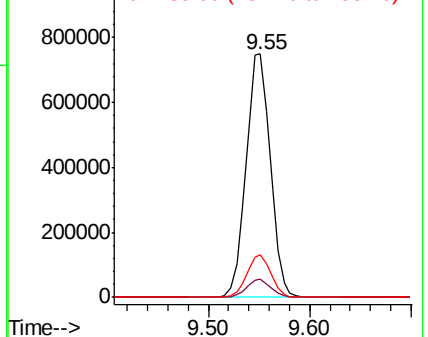
82 100

95 7.6 5.8 8.8

138 17.4 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 15.159 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

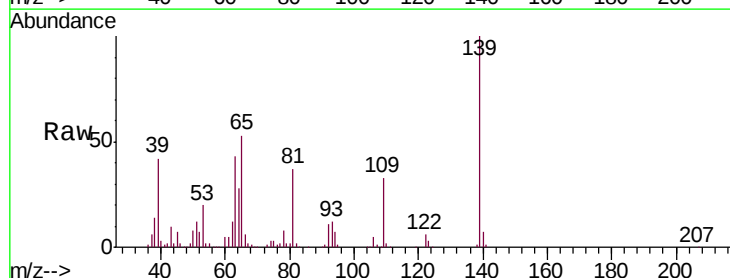
Tgt Ion: 139 Resp: 315297

Ion Ratio Lower Upper

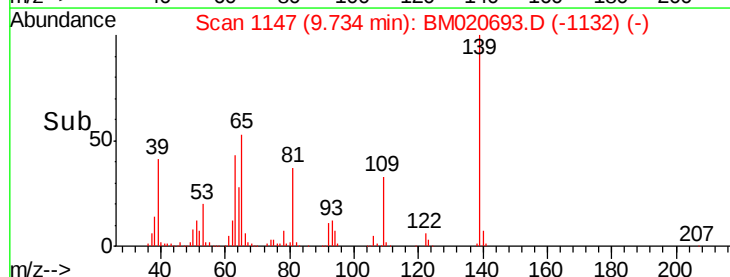
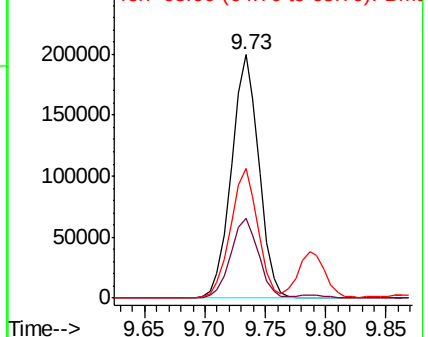
139 100

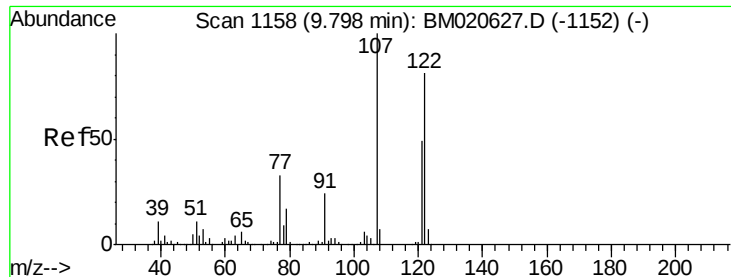
109 32.9 26.1 39.1

65 53.1 43.4 65.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

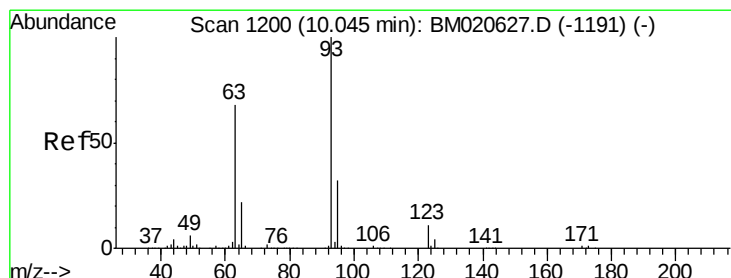
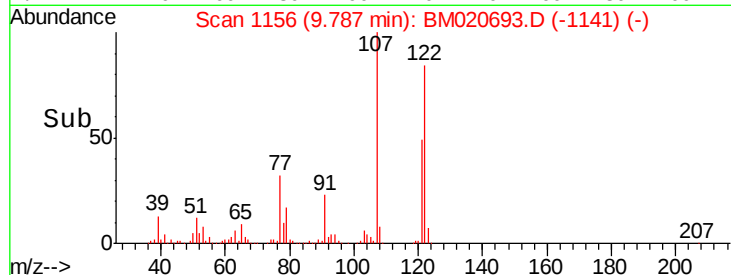
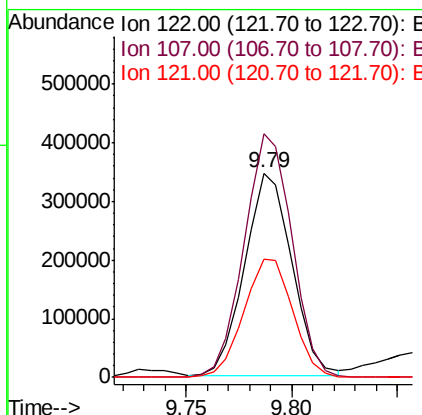
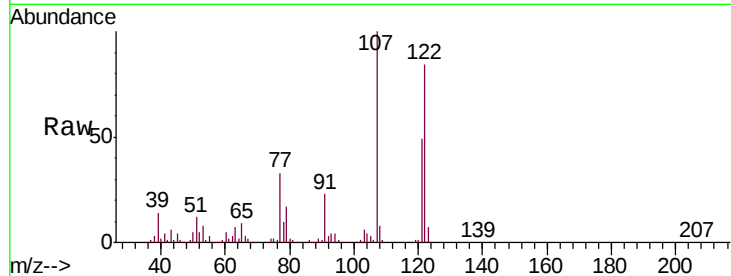




#27
 2,4-Dimethylphenol
 Concen: 13.682 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

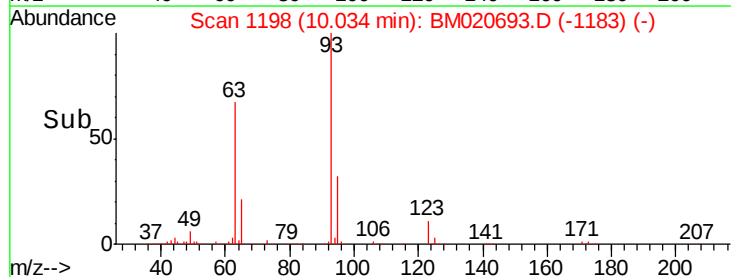
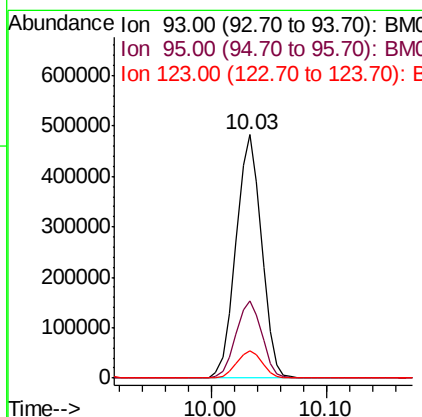
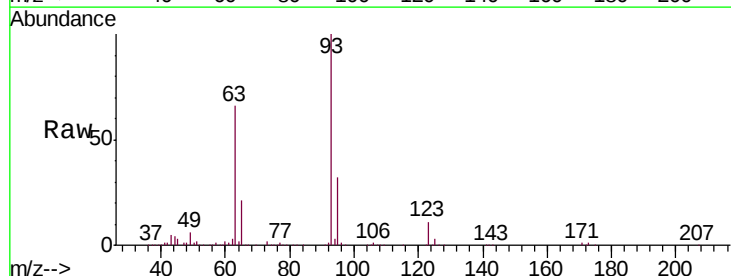
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

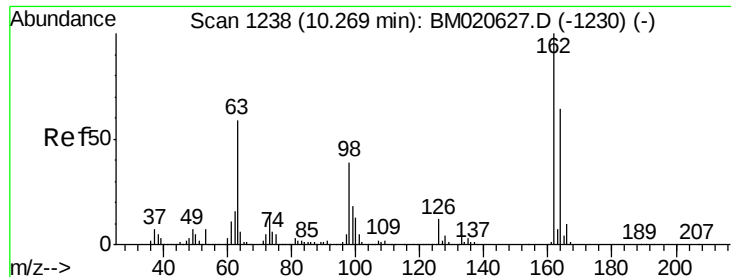
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.3	98.0	147.0
121	58.2	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.276 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.6
123	11.0	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 12.554 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

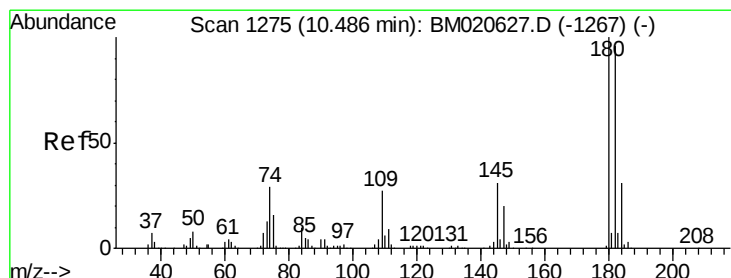
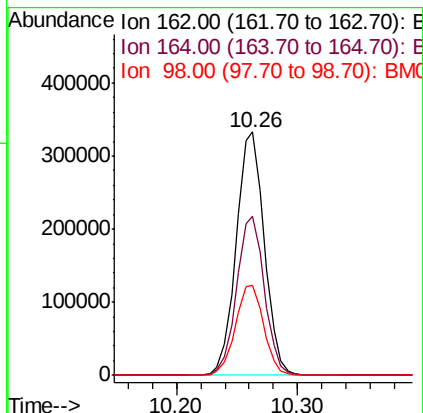
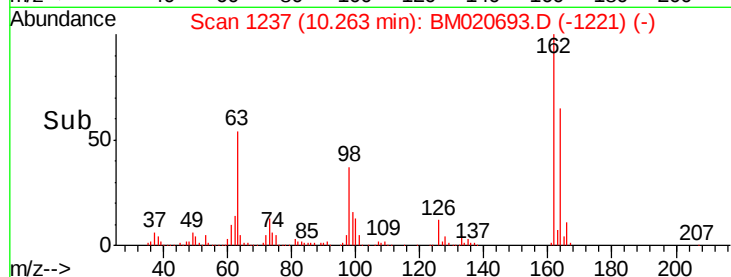
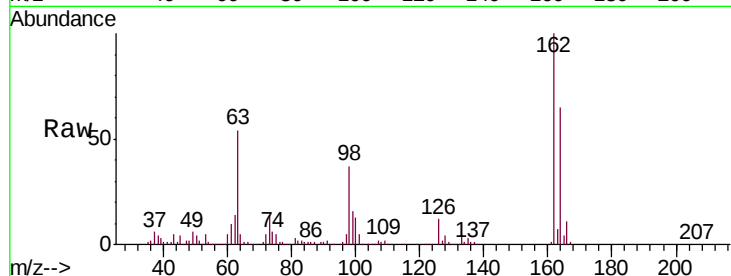
Tgt Ion:162 Resp: 541327

Ion Ratio Lower Upper

162 100

164 65.3 43.8 83.8

98 37.2 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 12.527 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

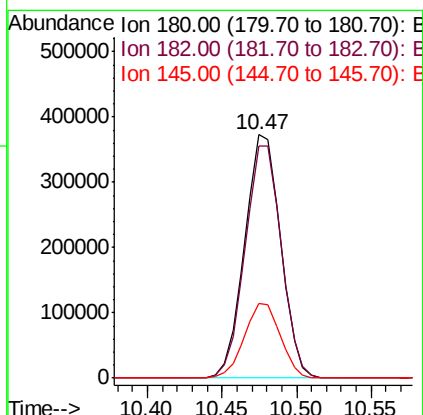
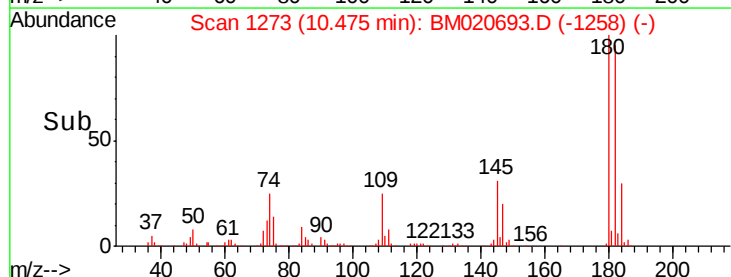
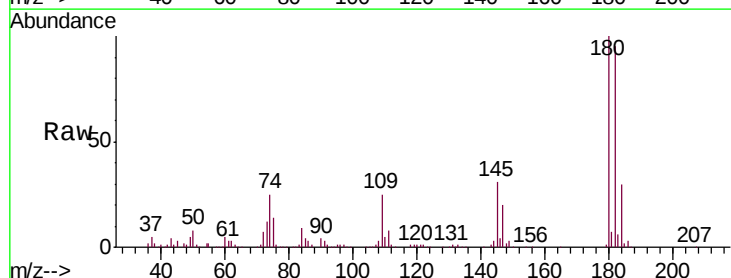
Tgt Ion:180 Resp: 621114

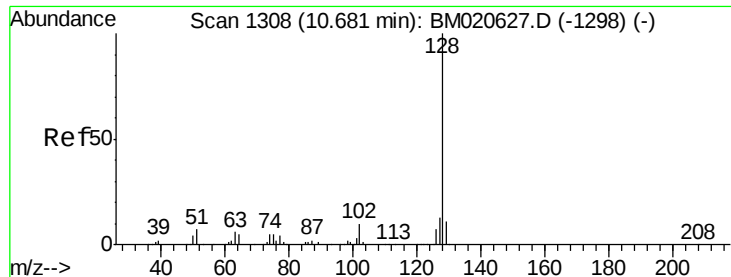
Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.6

145 30.8 25.0 37.4

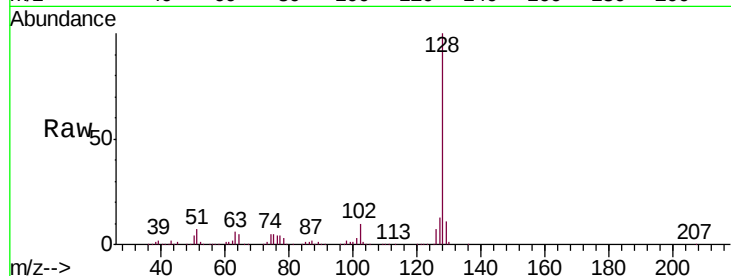




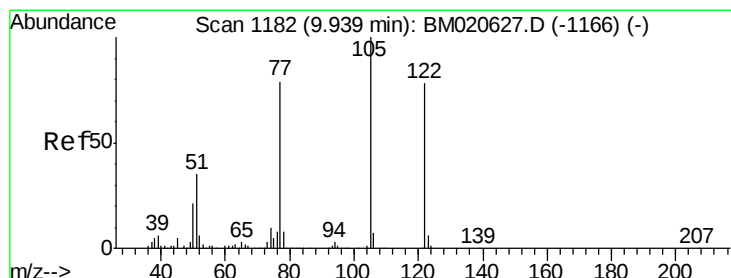
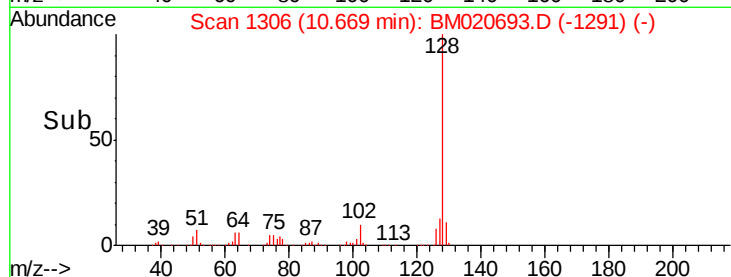
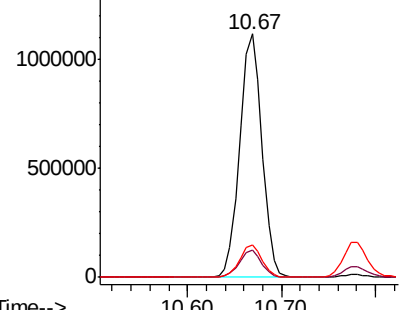
#31
Naphthalene
Concen: 12.560 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion:128 Resp: 1829294
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.3 15.5

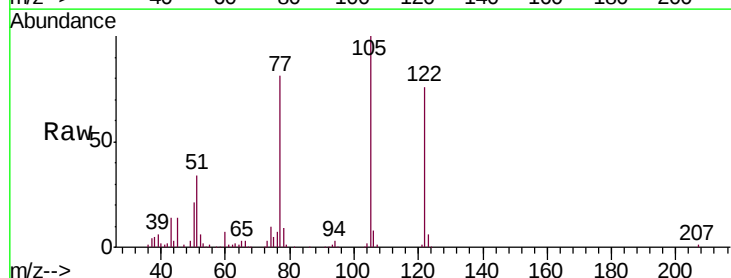


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

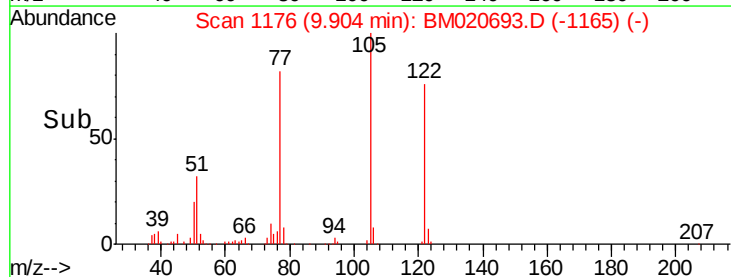
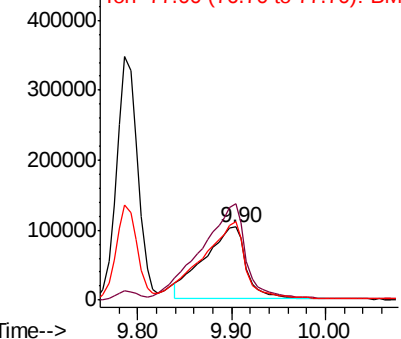


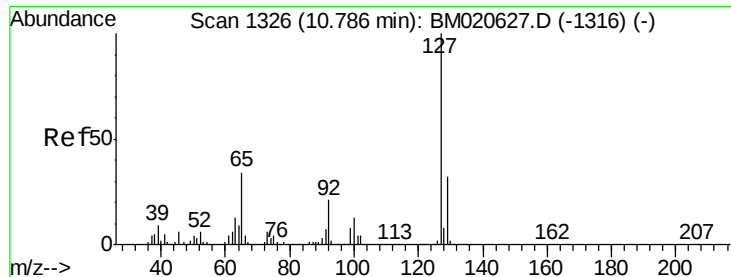
#32
Benzoic acid
Concen: 16.930 ng
RT: 9.90 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:122 Resp: 324020
Ion Ratio Lower Upper
122 100
105 132.1 107.0 147.0
77 106.8 80.9 120.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

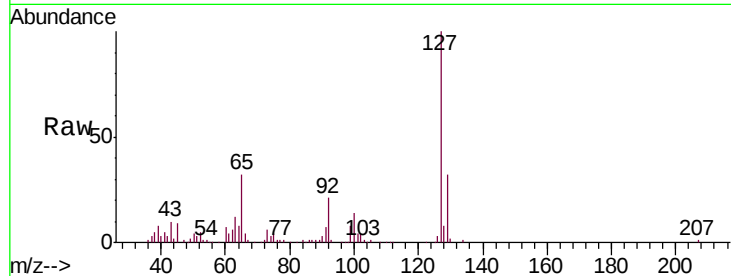




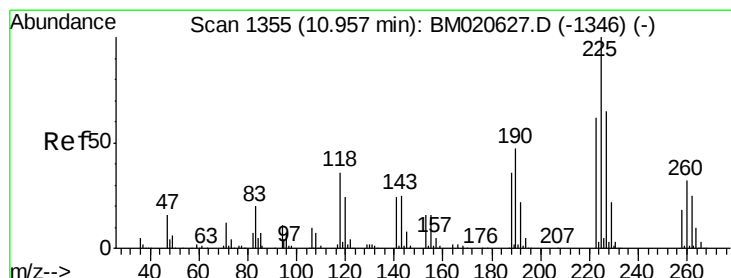
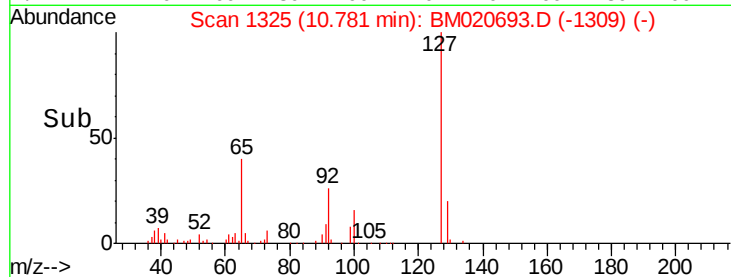
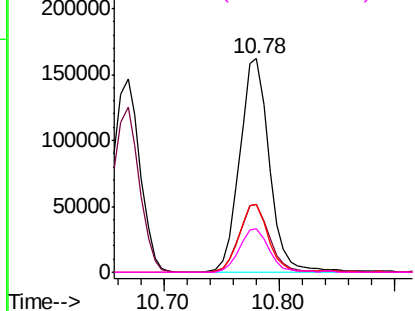
#33
4-Chloroaniline
Concen: 4.233 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion:	127	Resp:	286908
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	32.0	27.4	41.0
92	20.6	17.0	25.6

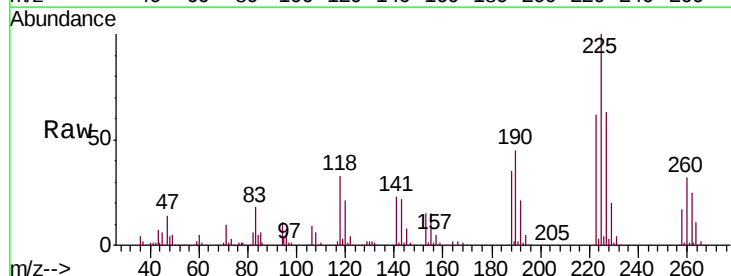


Abundance Ion 127.00 (126.70 to 127.70): E
250000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

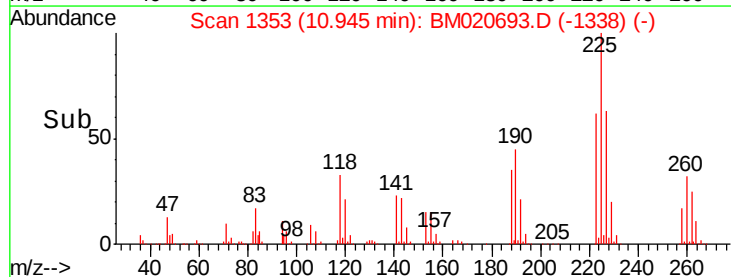
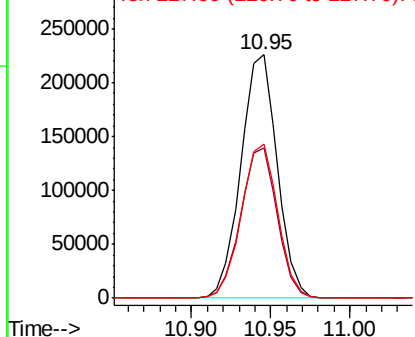


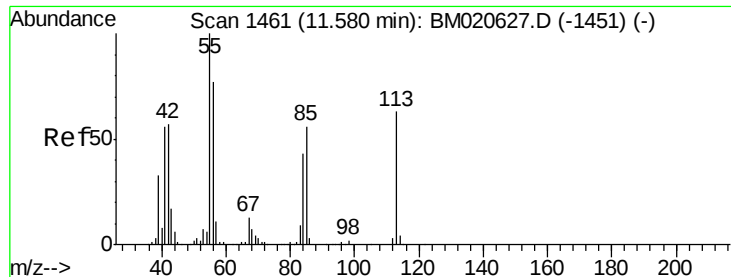
#34
Hexachlorobutadiene
Concen: 12.087 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:	225	Resp:	359585
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.7	74.5
227	63.2	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 10.570 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

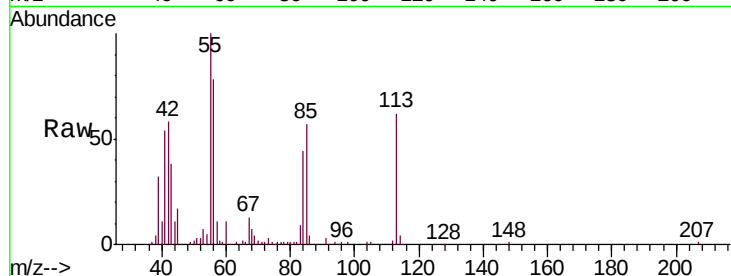
Tgt Ion:113 Resp: 158340

Ion Ratio Lower Upper

113 100

55 161.7 138.6 178.6

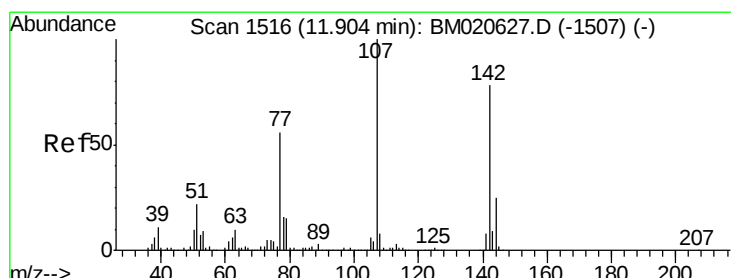
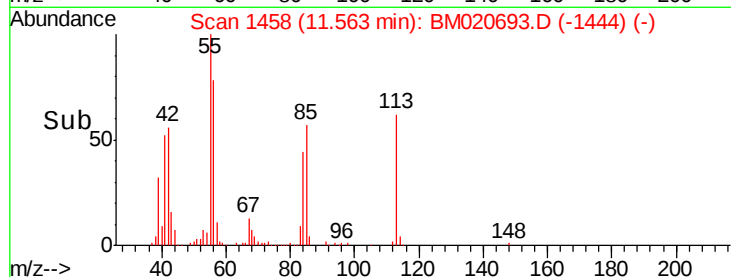
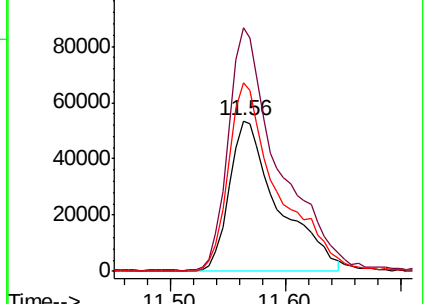
56 125.4 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 11.192 ng

RT: 11.89 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

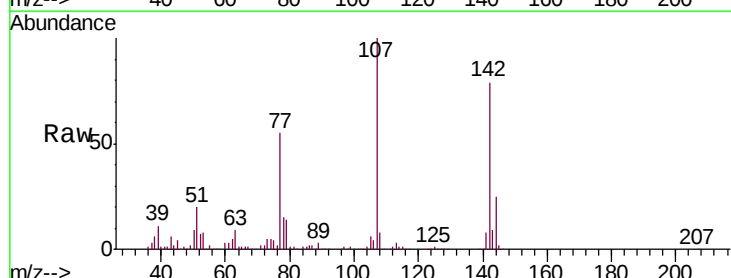
Tgt Ion:107 Resp: 561116

Ion Ratio Lower Upper

107 100

144 25.1 20.3 30.5

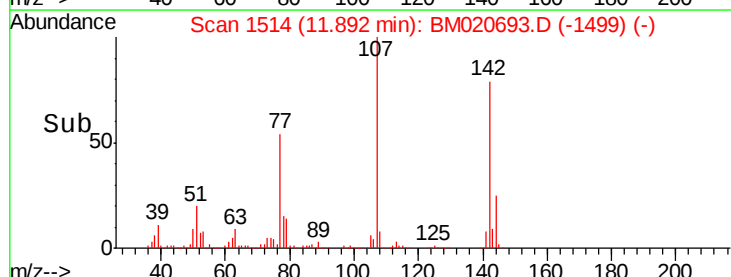
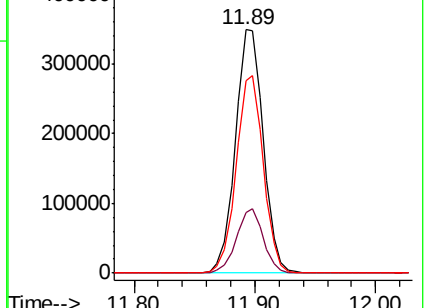
142 78.8 62.6 93.8

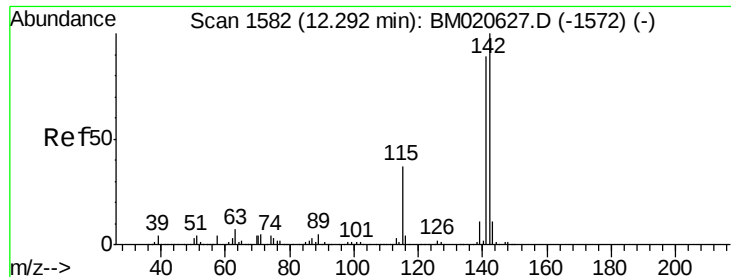


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

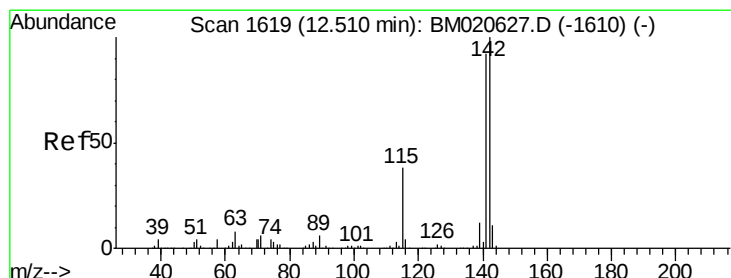
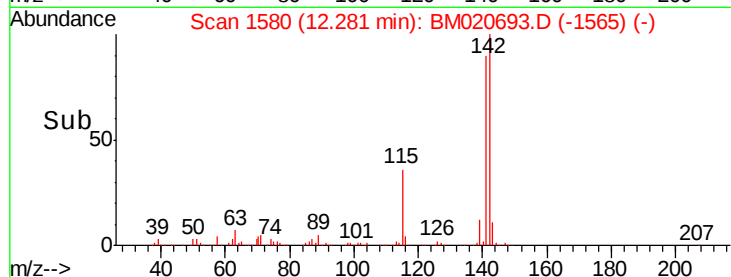
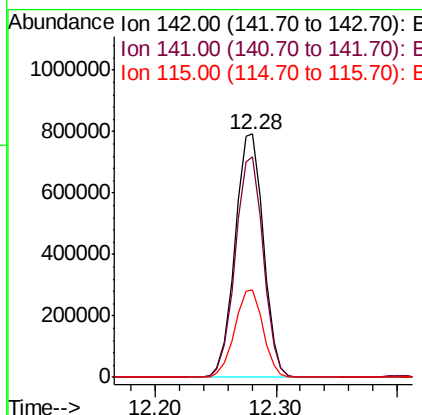
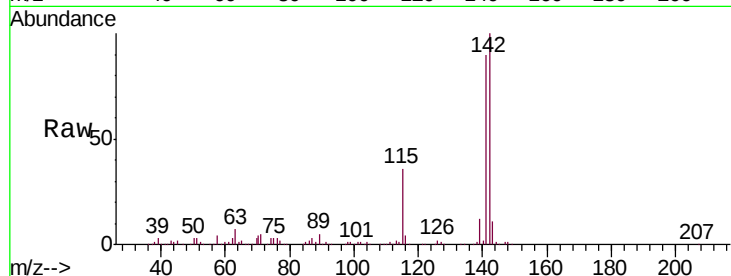




#37
2-Methylnaphthalene
Concen: 12.029 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

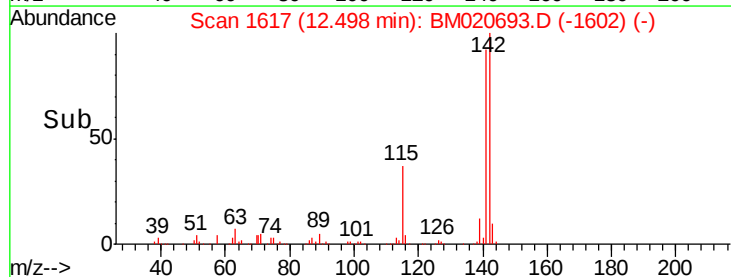
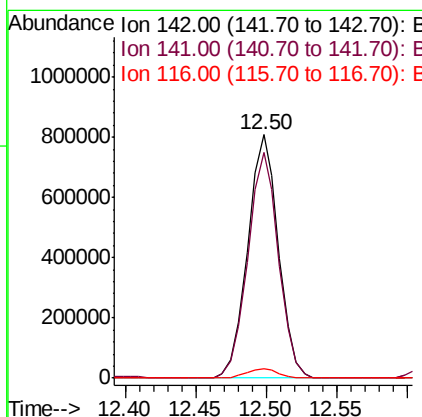
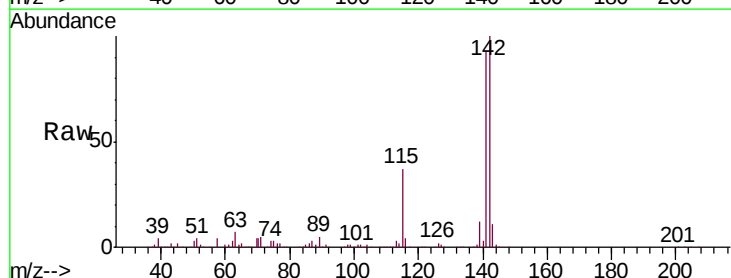
Instrument :
BNA_M
ClientSampleId :
PB120172BS

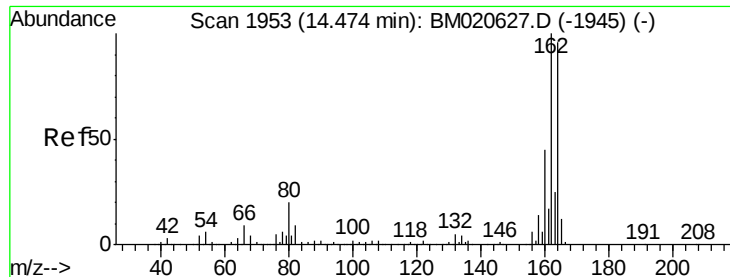
Tgt Ion:142 Resp: 1298613
Ion Ratio Lower Upper
142 100
141 90.4 71.6 107.4
115 35.9 29.6 44.4



#38
1-Methylnaphthalene
Concen: 11.937 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:142 Resp: 1227100
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

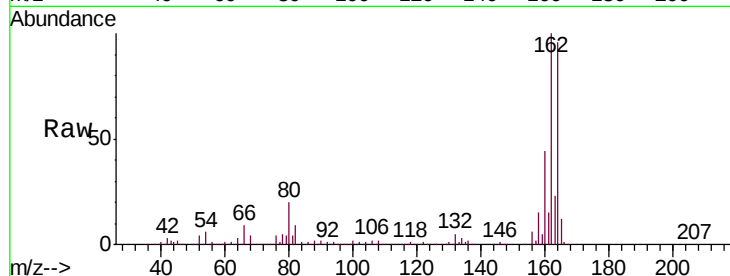
Tgt Ion:164 Resp: 1494676

Ion Ratio Lower Upper

164 100

162 103.7 83.2 124.8

160 46.1 37.5 56.3

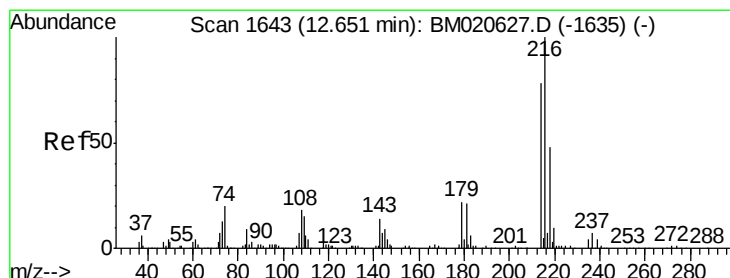
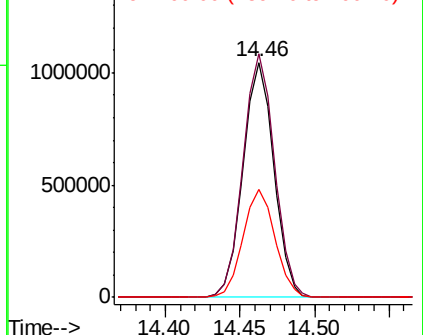
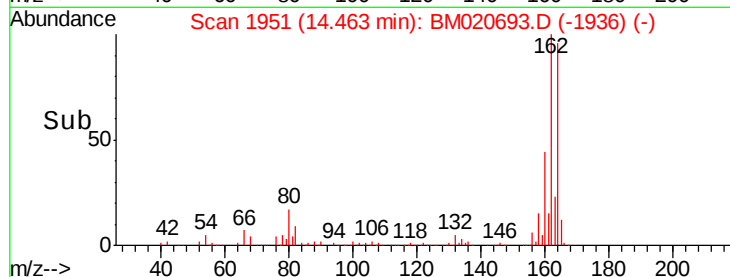


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 13.078 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Tgt Ion:216 Resp: 640578

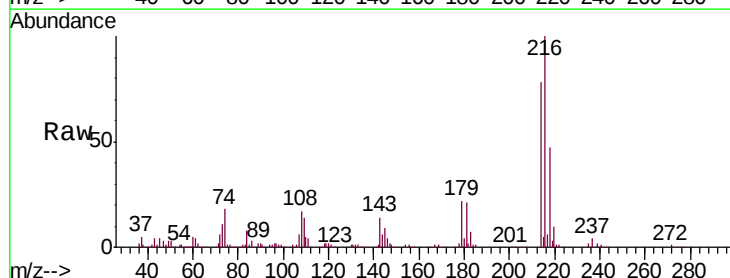
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.3 17.9 26.9

108 21.2 16.2 24.2



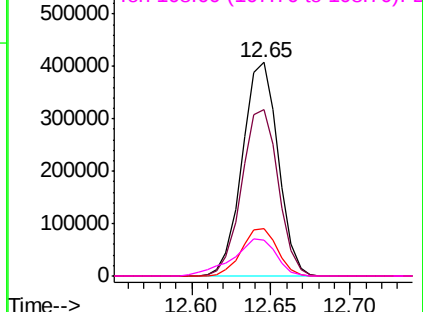
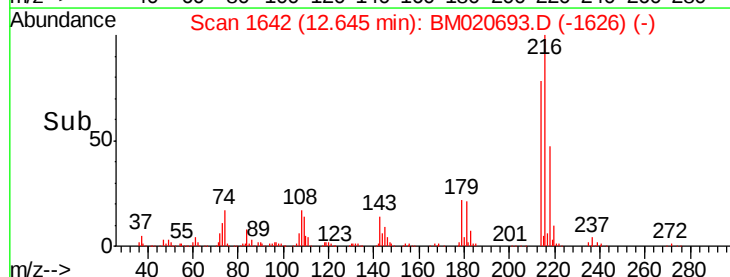
Abundance

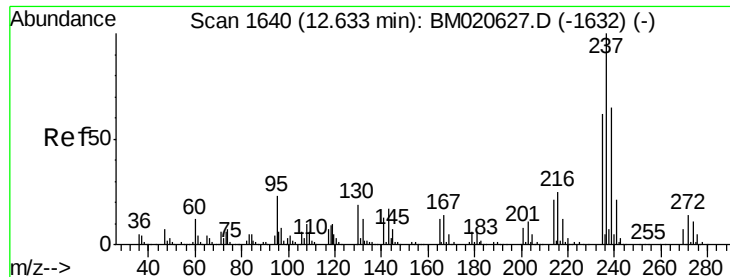
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 24.878 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

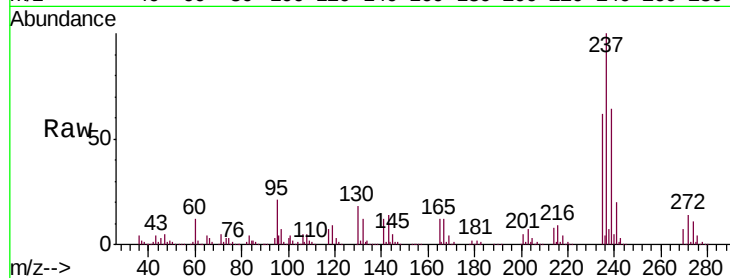
Tgt Ion: 237 Resp: 728786

Ion Ratio Lower Upper

237 100

235 61.8 42.1 82.1

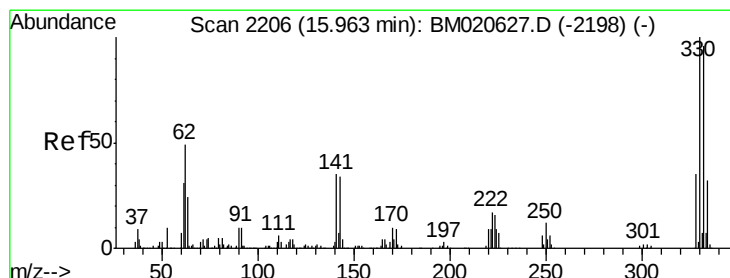
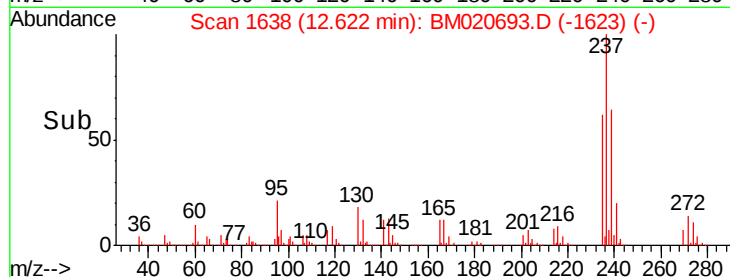
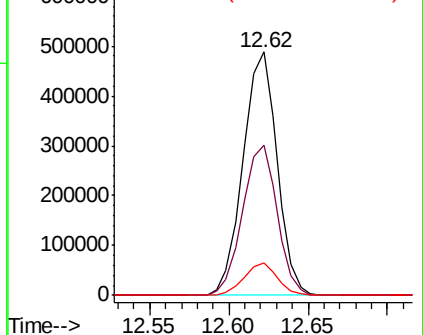
272 13.5 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.798 ng

RT: 15.96 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

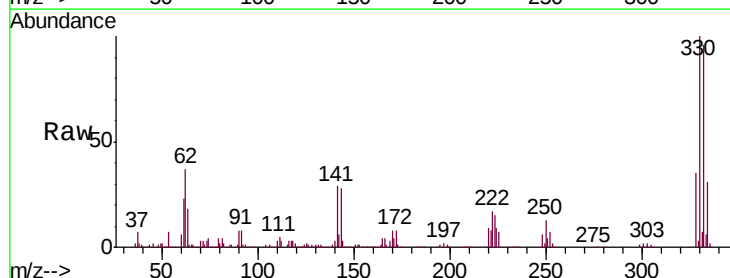
Tgt Ion: 330 Resp: 2644462

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

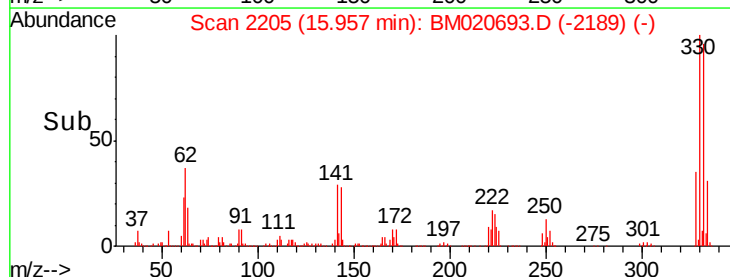
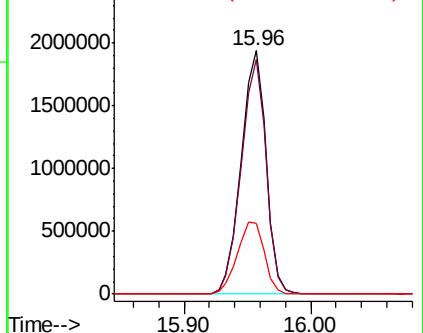
141 32.0 30.4 45.6

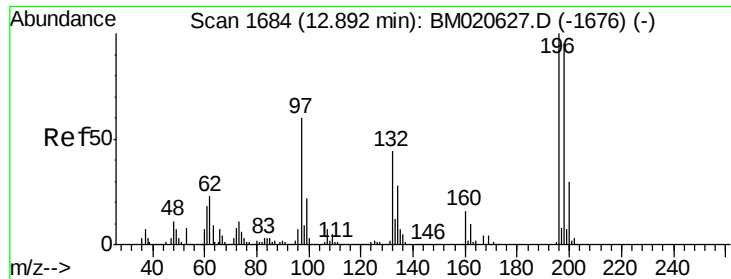


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

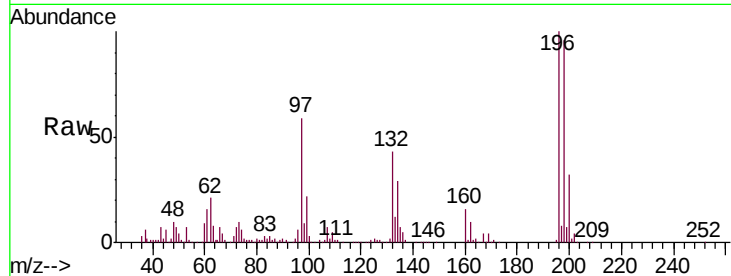




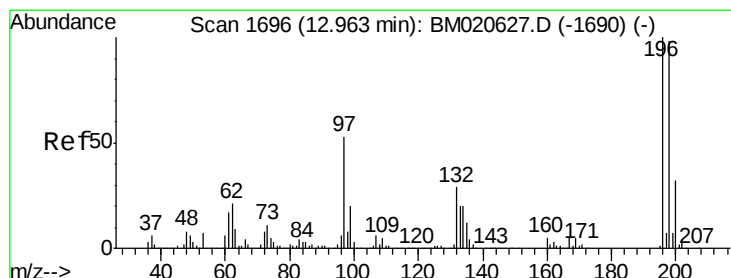
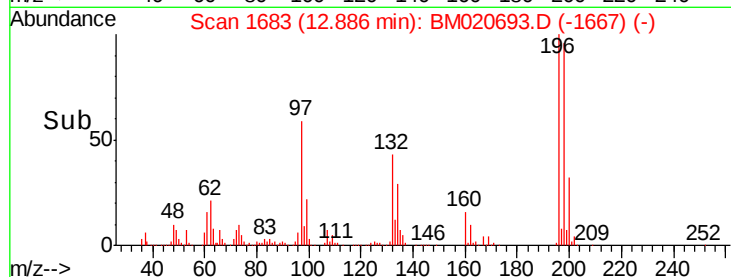
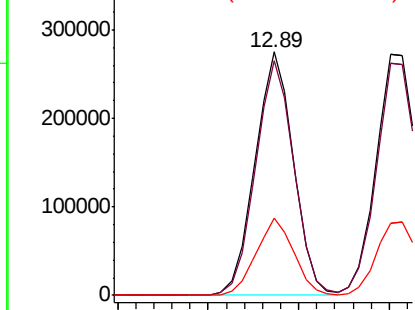
#43
 2,4,6-Trichlorophenol
 Concen: 12.808 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tgt Ion:196 Resp: 403824
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 31.9 23.9 35.9

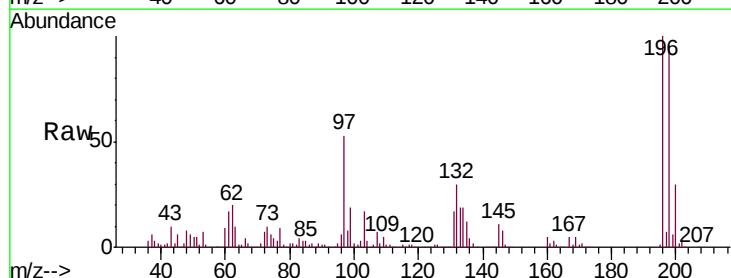


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

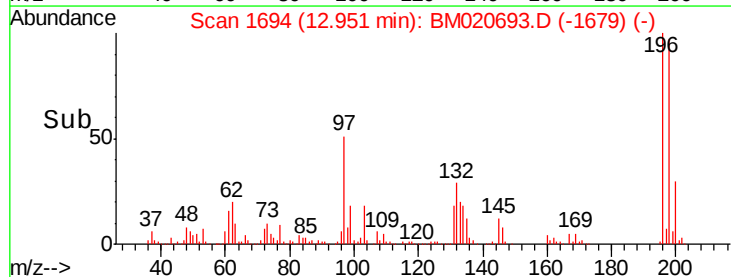
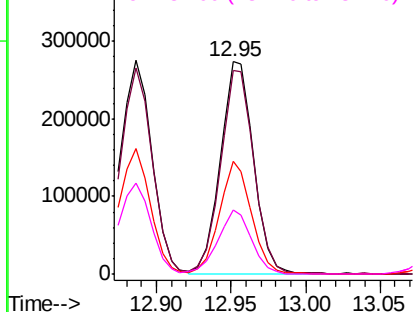


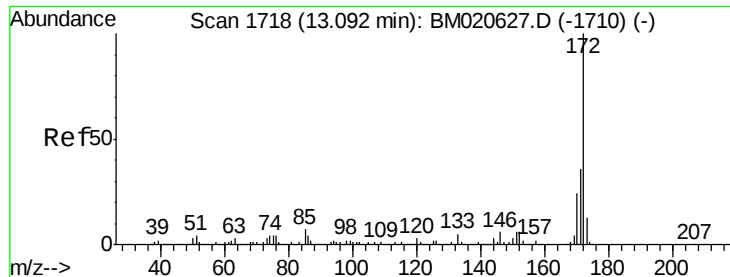
#44
 2,4,5-Trichlorophenol
 Concen: 12.975 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Tgt Ion:196 Resp: 422342
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.6 117.8
 97 52.8 42.7 64.1
 132 30.5 23.4 35.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

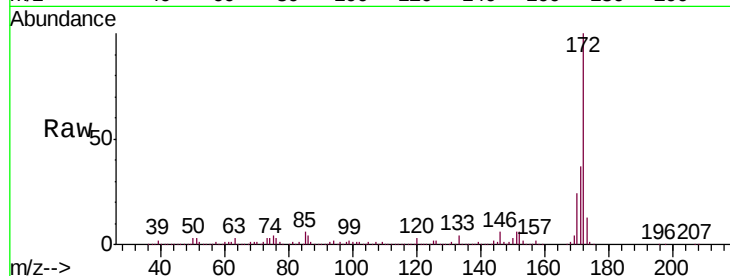




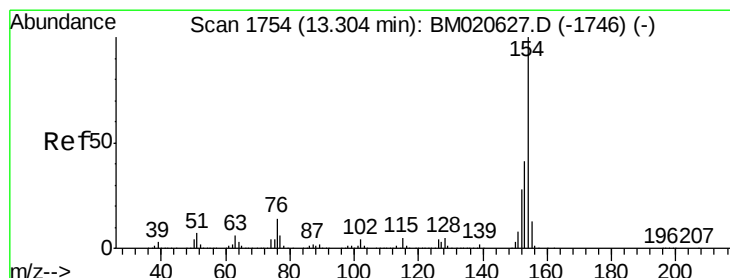
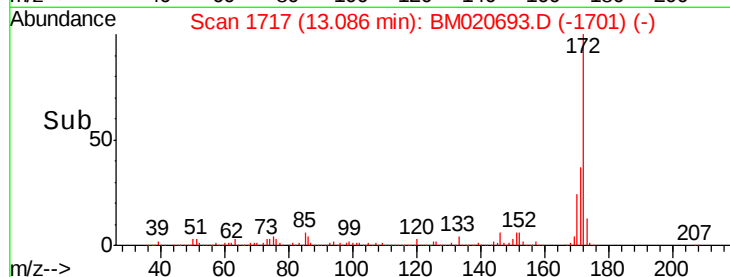
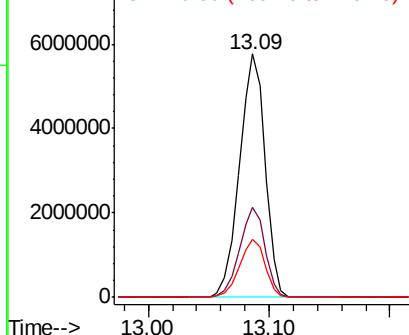
#45
2-Fluorobiphenyl
Concen: 75.870 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion:172 Resp: 8529969
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 23.9 18.9 28.3

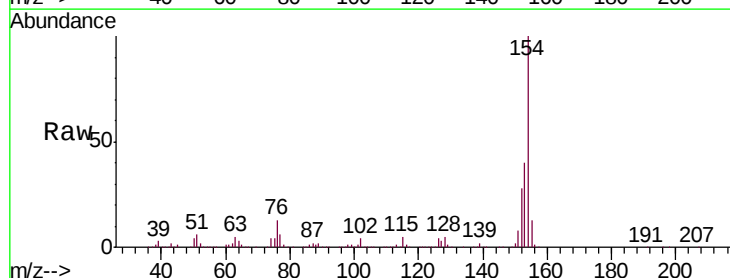


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

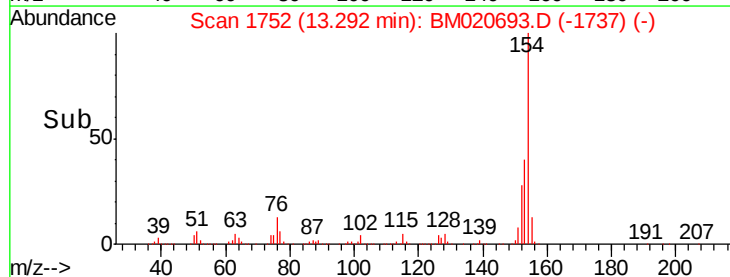
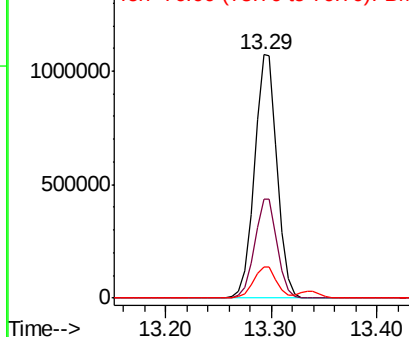


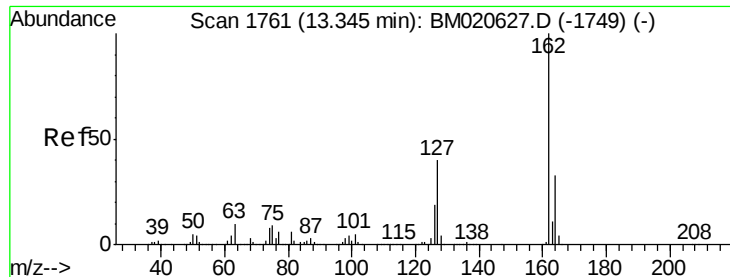
#46
1,1'-Biphenyl
Concen: 12.828 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:154 Resp: 1601279
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 12.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

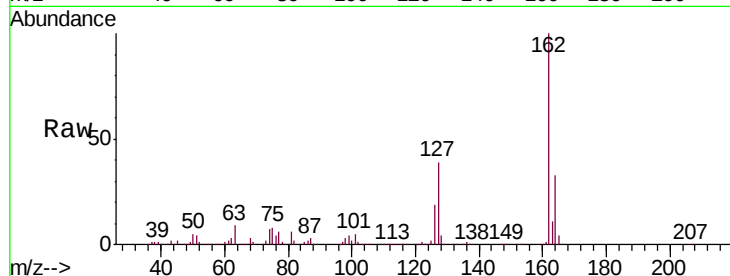




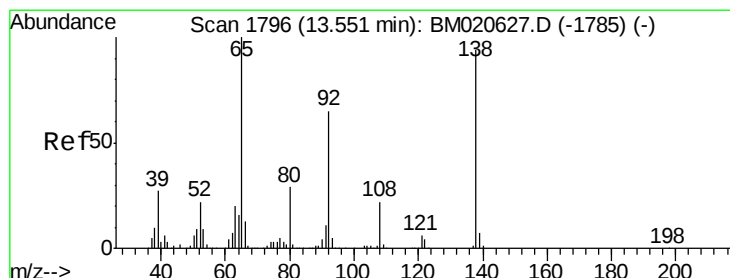
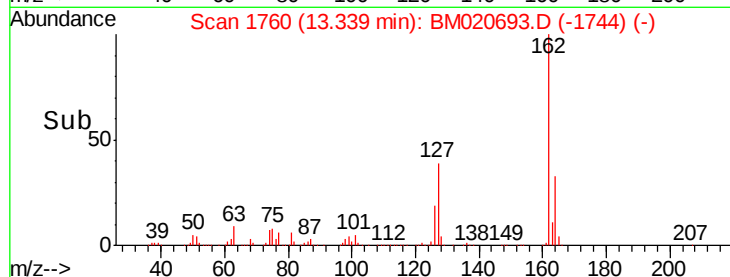
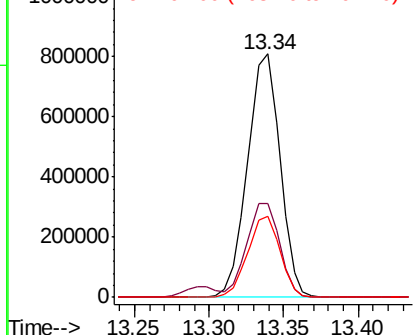
#47
2-Chloronaphthalene
Concen: 12.104 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Instrument :
BNA_M
ClientSampled :
PB120172BS

Tgt Ion: 162 Resp: 1219501
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 33.2 26.6 39.8

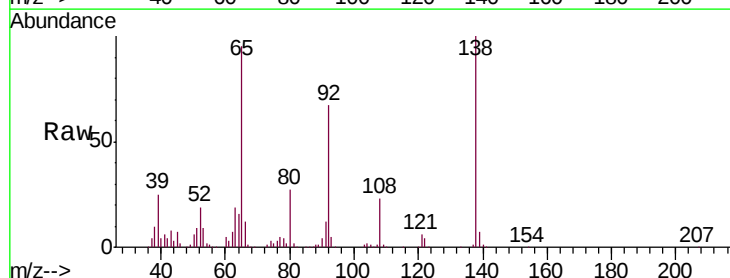


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

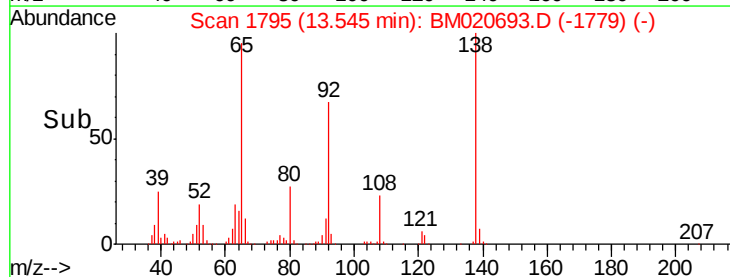
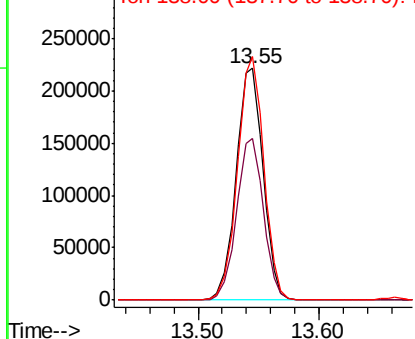


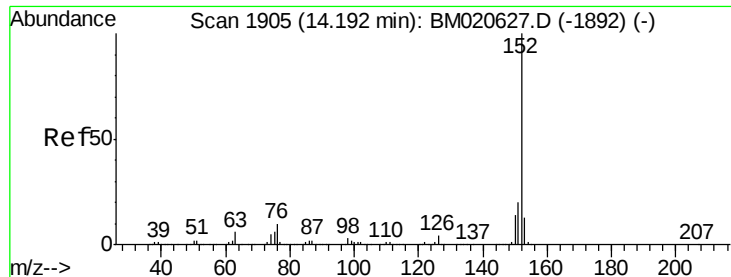
#48
2-Nitroaniline
Concen: 10.924 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion: 65 Resp: 345450
Ion Ratio Lower Upper
65 100
92 70.0 52.2 78.4
138 105.1 75.4 113.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 12.207 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

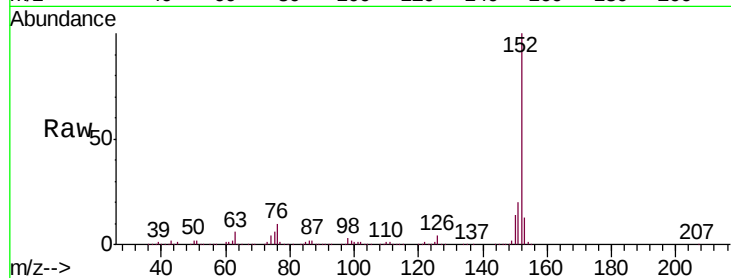
Tgt Ion:152 Resp: 1918865

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

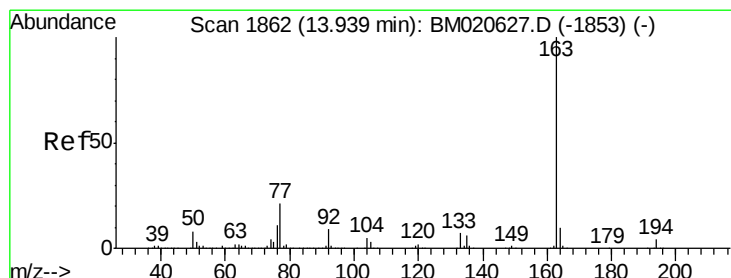
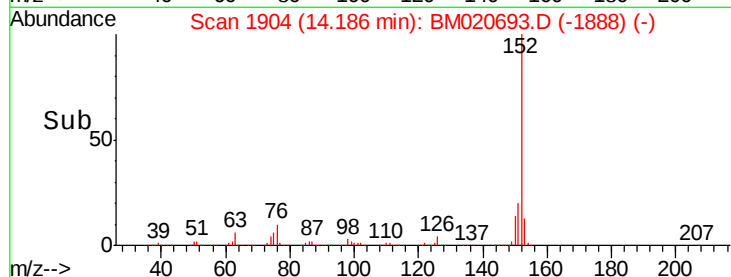
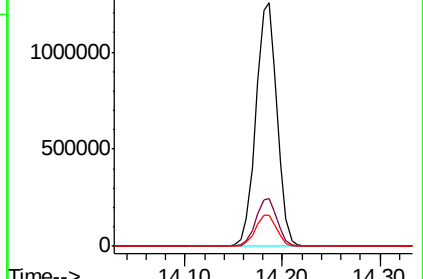
153 12.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 11.018 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

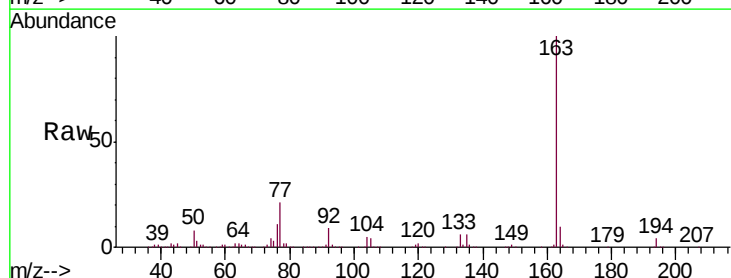
Tgt Ion:163 Resp: 1406970

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

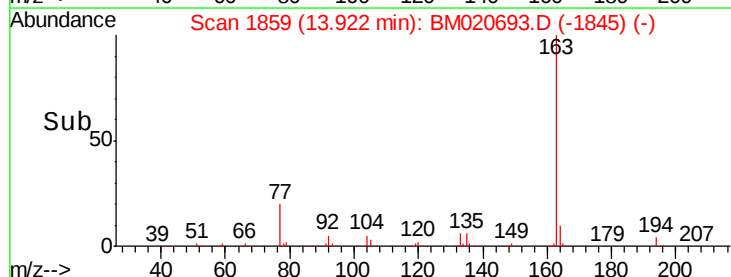
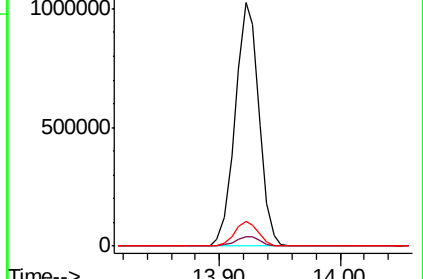
164 10.0 7.9 11.9

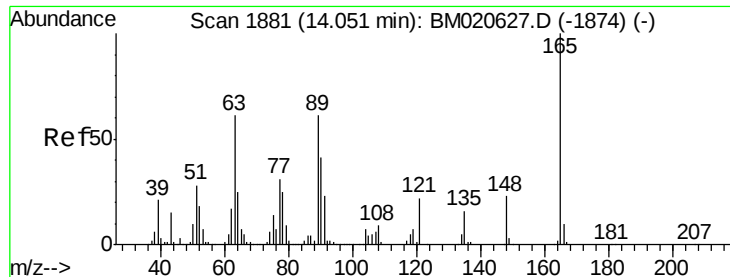


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 11.614 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

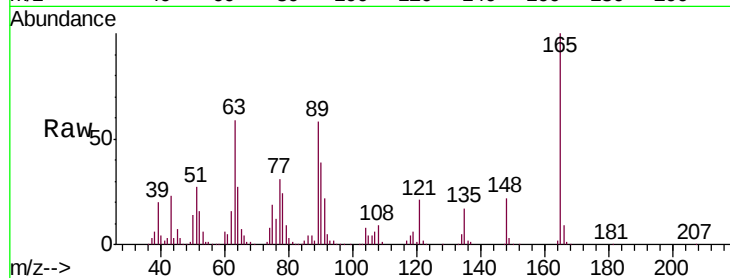
Tgt Ion:165 Resp: 301135

Ion Ratio Lower Upper

165 100

63 58.7 50.4 75.6

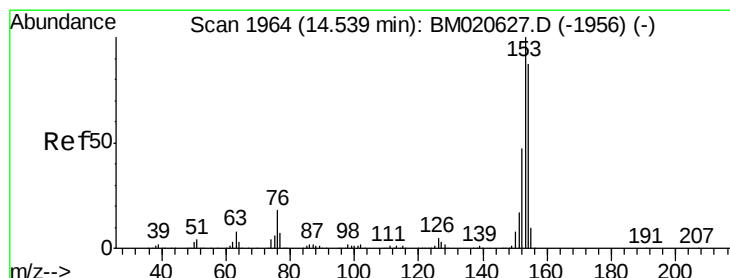
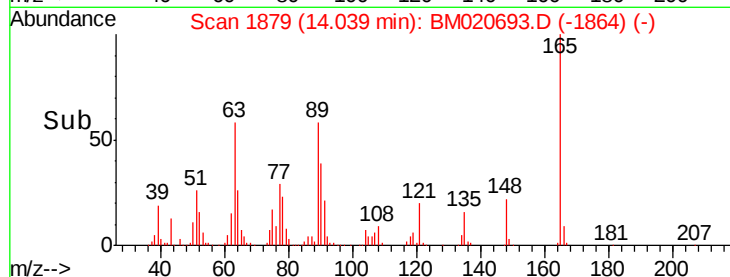
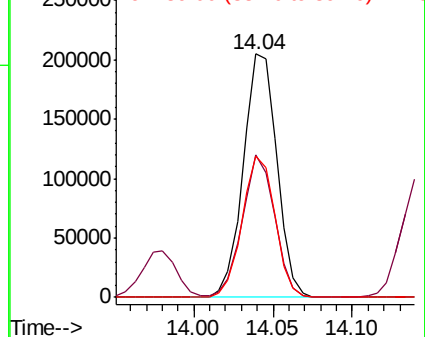
89 58.1 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 11.953 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

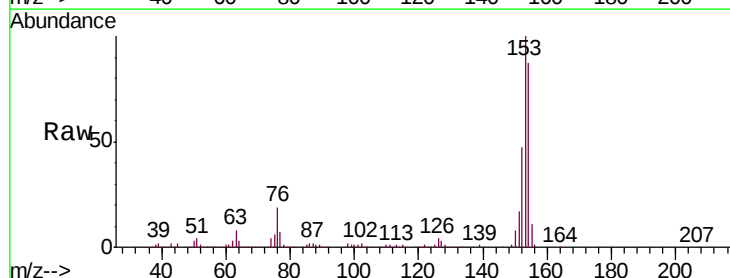
Tgt Ion:154 Resp: 1119781

Ion Ratio Lower Upper

154 100

153 114.9 92.4 138.6

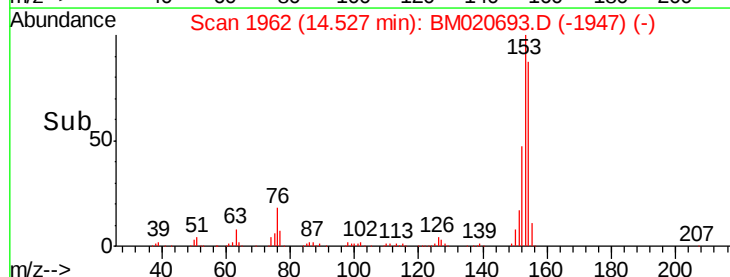
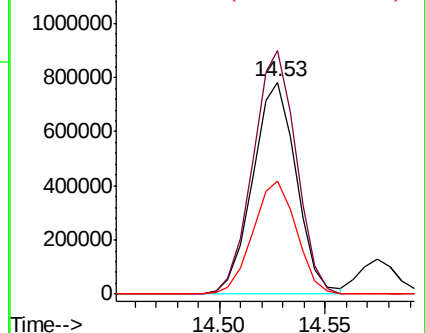
152 53.6 43.4 65.0

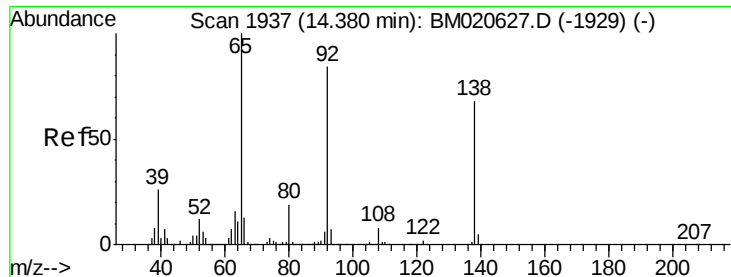


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 6.812 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

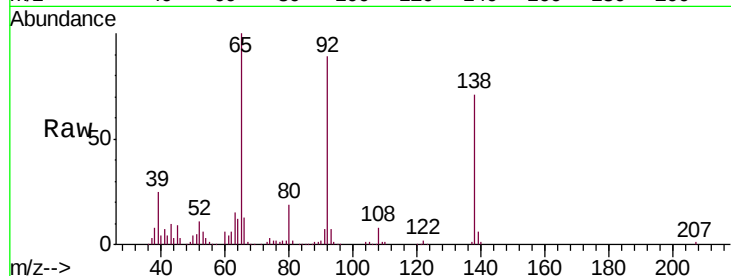
Tgt Ion:138 Resp: 197156

Ion Ratio Lower Upper

138 100

108 11.9 9.5 14.3

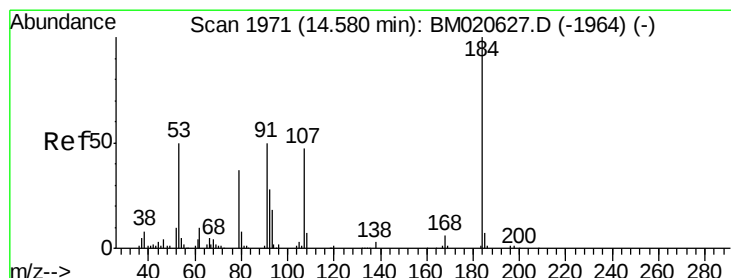
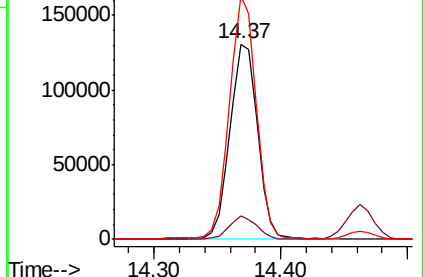
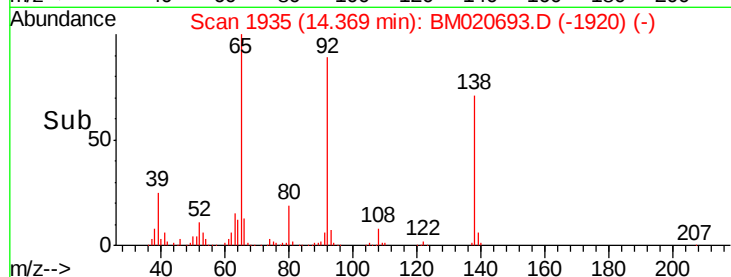
92 124.8 99.6 149.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 26.707 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

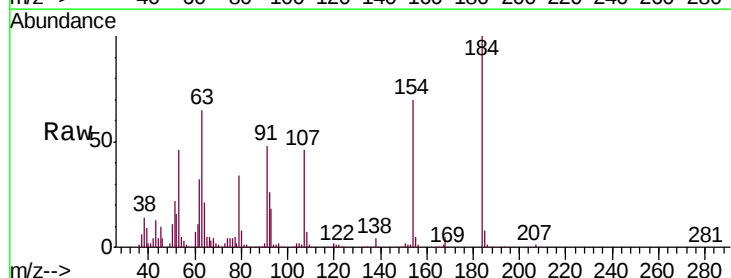
Tgt Ion:184 Resp: 238587

Ion Ratio Lower Upper

184 100

63 65.3 59.3 88.9

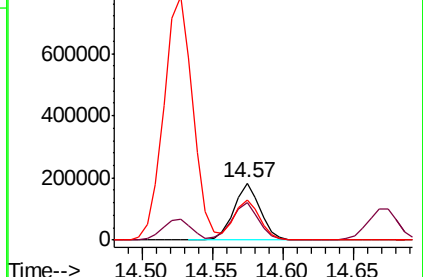
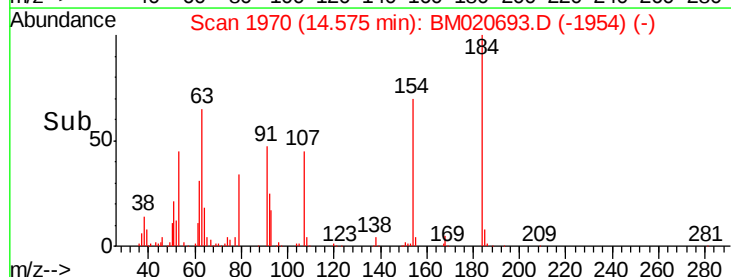
154 70.4 56.5 84.7

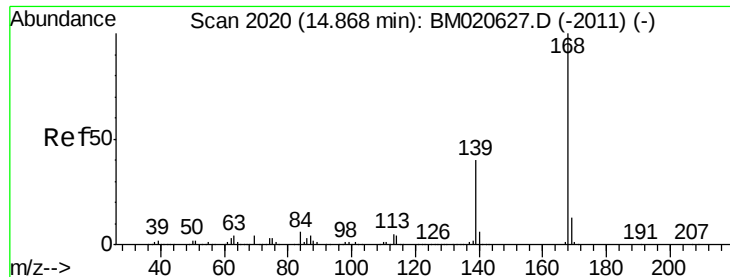


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 11.824 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

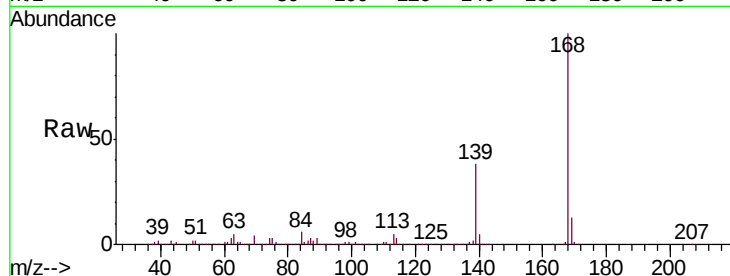
Tgt Ion:168 Resp: 1720445

Ion Ratio Lower Upper

168 100

139 38.4 31.9 47.9

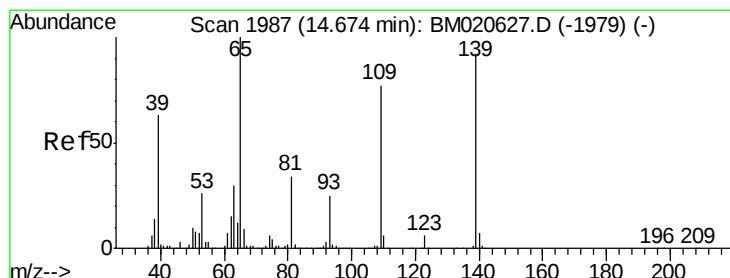
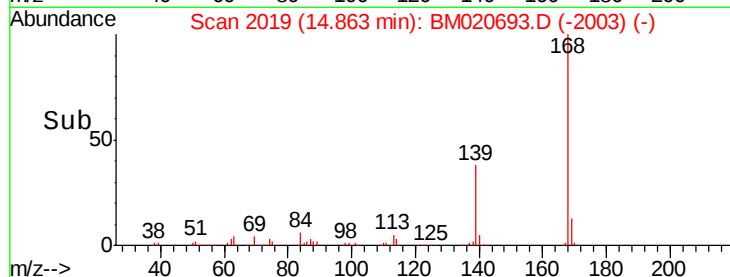
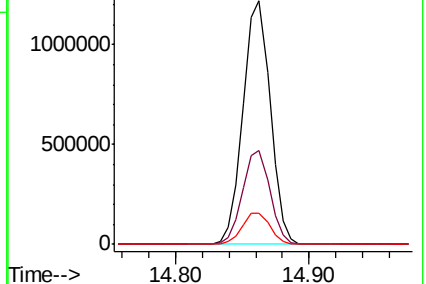
169 13.0 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 23.799 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

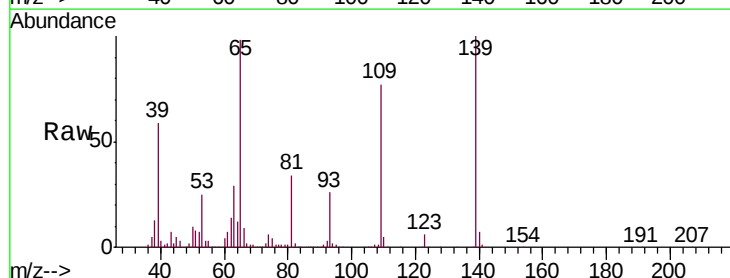
Tgt Ion:139 Resp: 507551

Ion Ratio Lower Upper

139 100

109 76.7 62.7 102.7

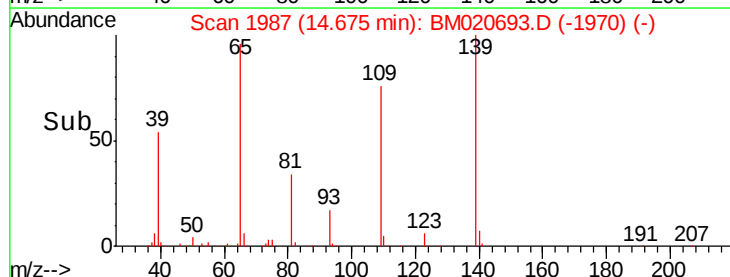
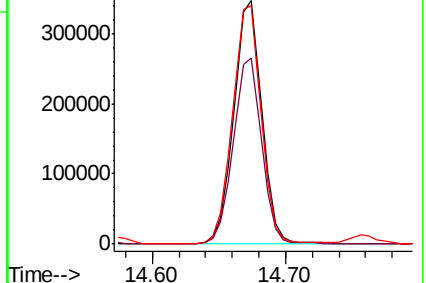
65 98.2 88.3 128.3

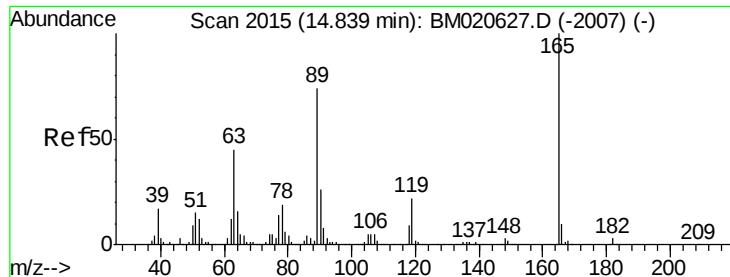


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

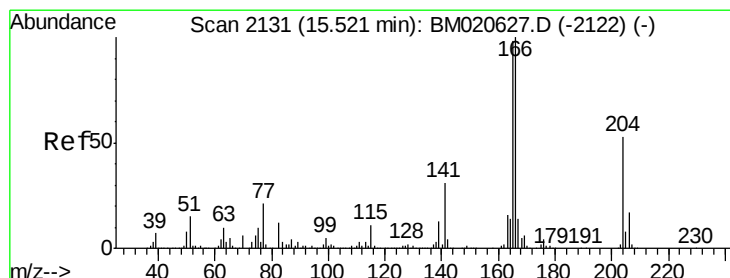
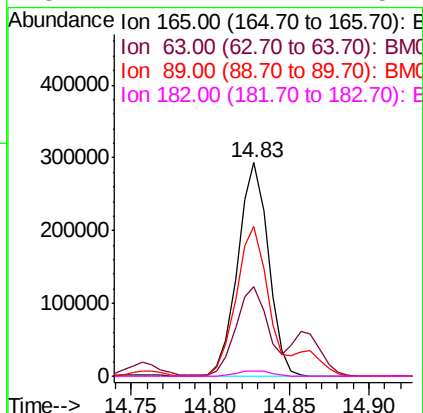
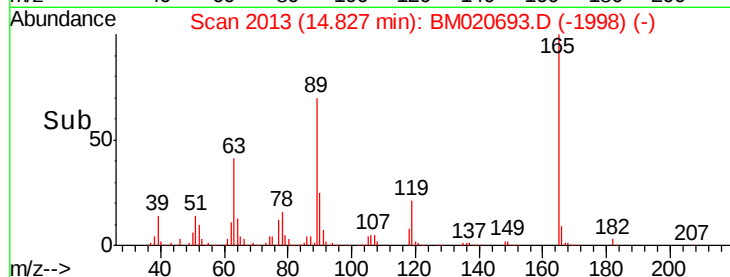
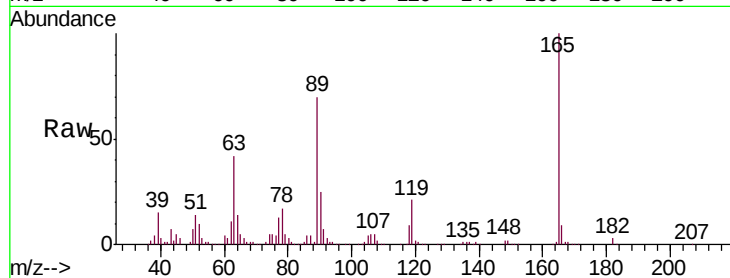




#57
2,4-Dinitrotoluene
Concen: 11.325 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

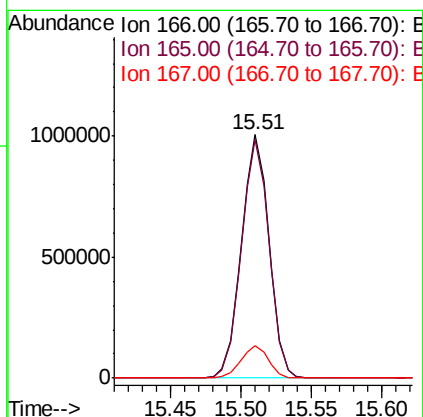
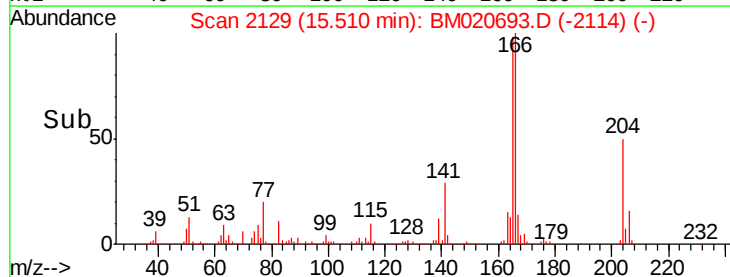
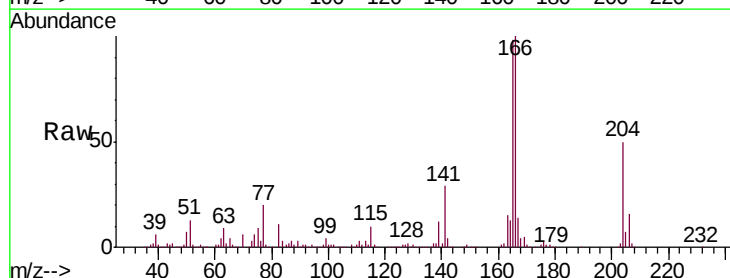
Instrument :
BNA_M
ClientSampleId :
PB120172BS

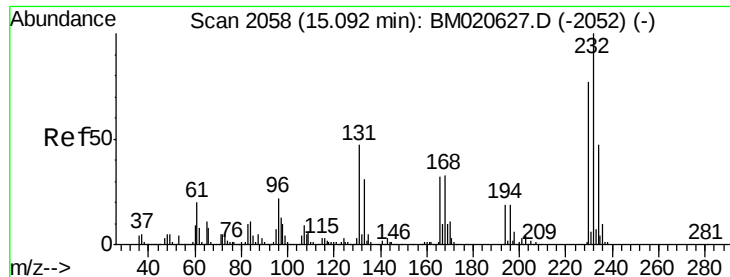
Tgt Ion:	165	Resp:	393180
Ion	Ratio	Lower	Upper
165	100		
63	42.1	36.3	54.5
89	70.2	59.0	88.6
182	2.7	2.2	3.4



#58
Fluorene
Concen: 11.474 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:	166	Resp:	1372851
Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	13.5	11.0	16.4

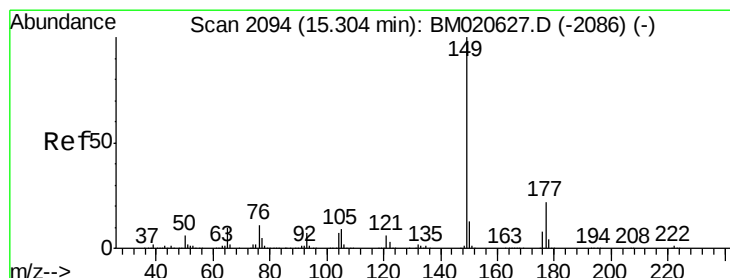
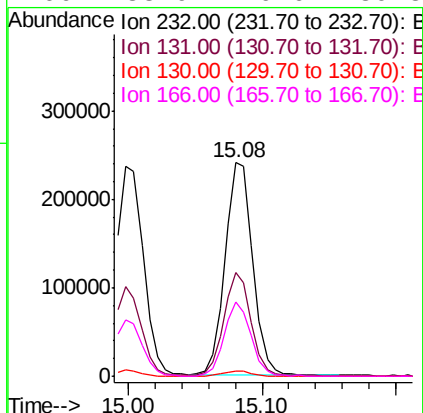
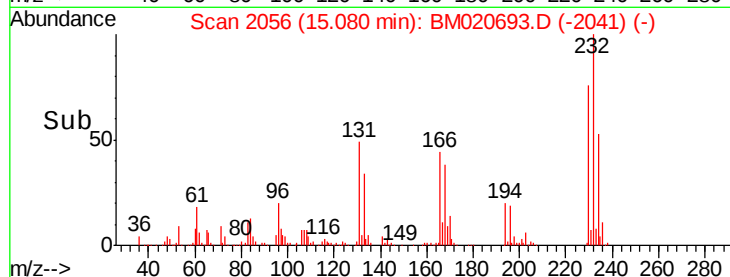
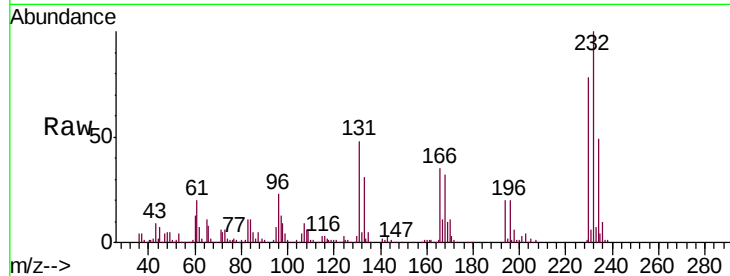




#59
2,3,4,6-Tetrachlorophenol
Concen: 12.235 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

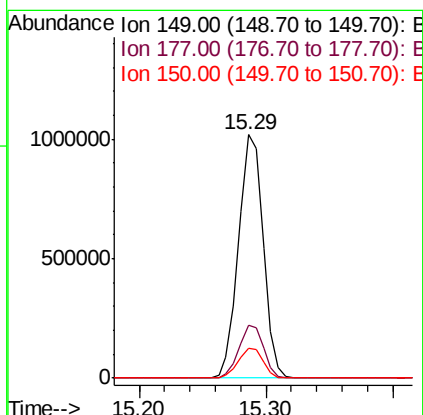
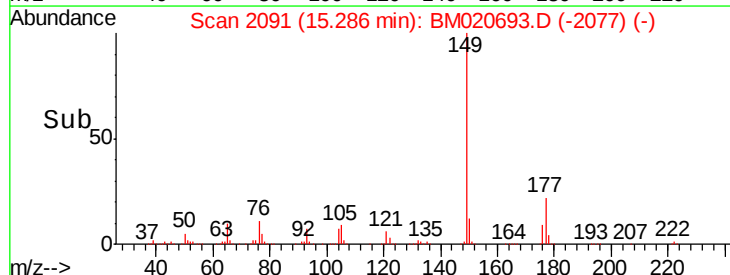
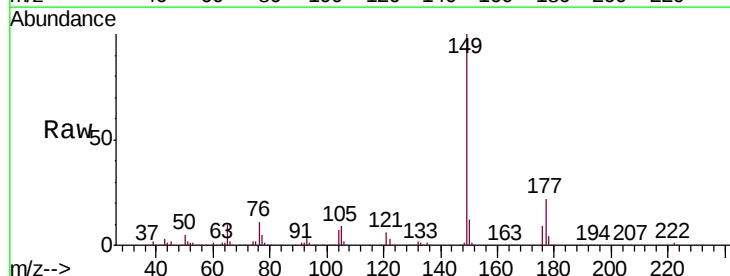
Instrument :
BNA_M
ClientSampleId :
PB120172BS

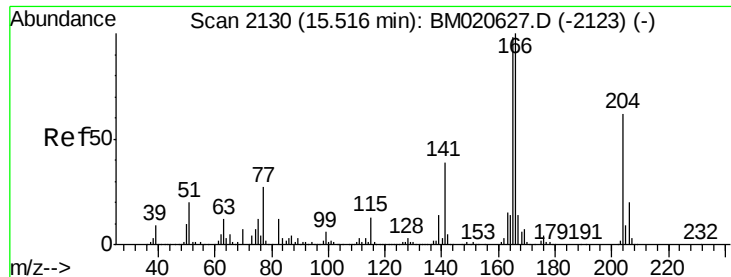
Tgt Ion:	232	Resp:	347036
Ion	Ratio	Lower	Upper
232	100		
131	47.8	38.6	57.8
130	2.6	2.2	3.2
166	33.9	26.6	39.8



#60
Diethylphthalate
Concen: 10.375 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:	149	Resp:	1366392
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.4	10.1	15.1

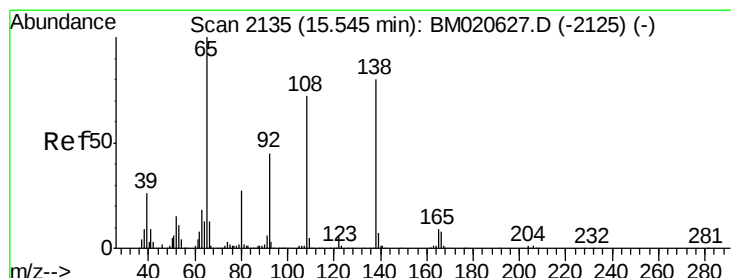
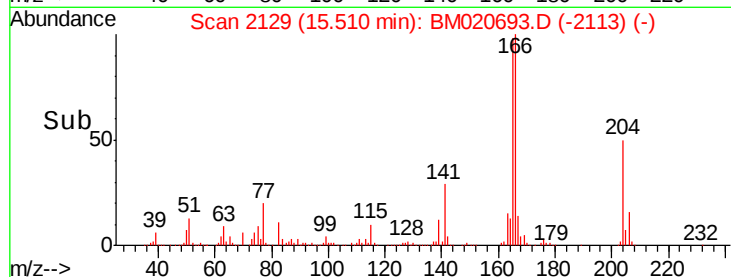
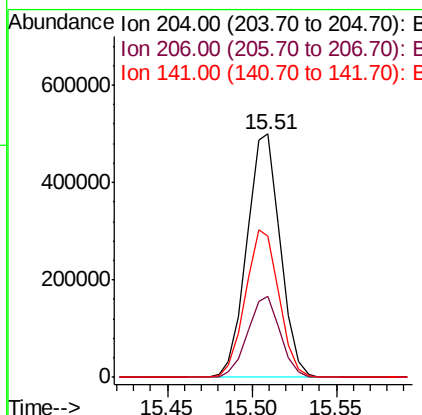
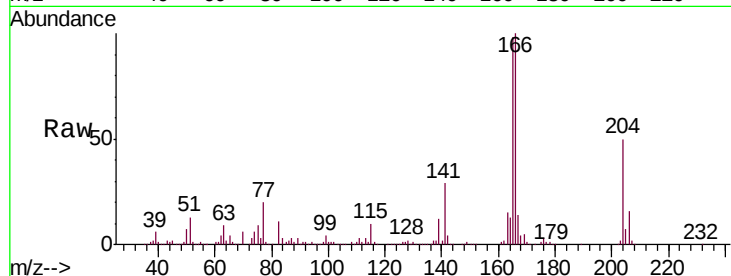




#61
 4-Chlorophenyl-phenylether
 Concen: 10.834 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

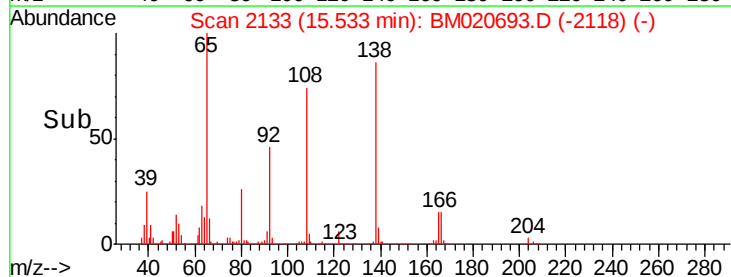
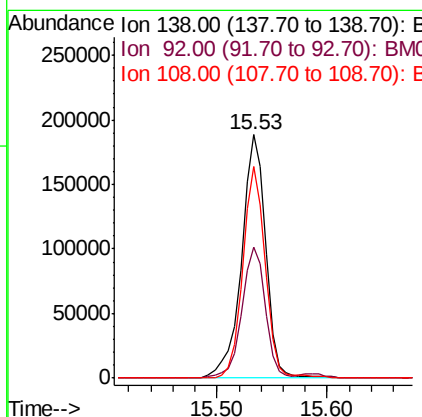
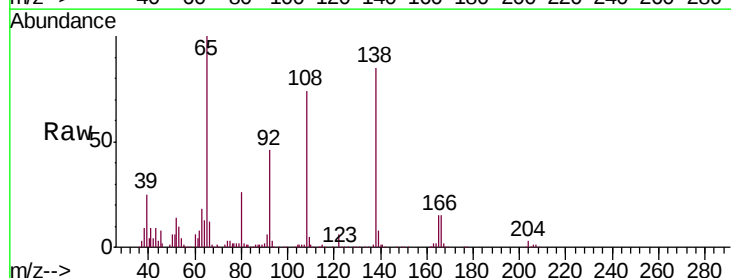
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

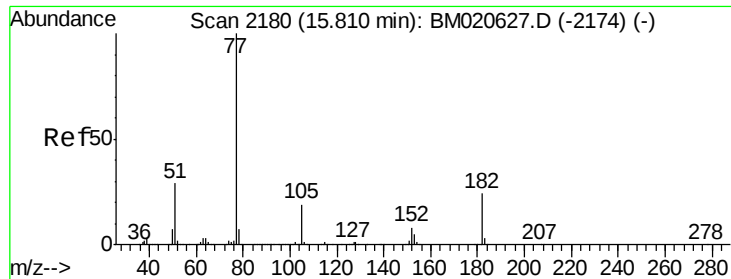
Tgt Ion:204 Resp: 686373
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.8 38.8
 141 58.2 50.2 75.4



#62
 4-Nitroaniline
 Concen: 9.487 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Tgt Ion:138 Resp: 291204
 Ion Ratio Lower Upper
 138 100
 92 53.9 36.7 76.7
 108 87.0 70.3 110.3

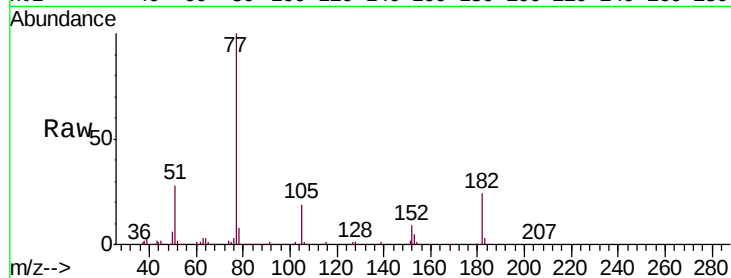




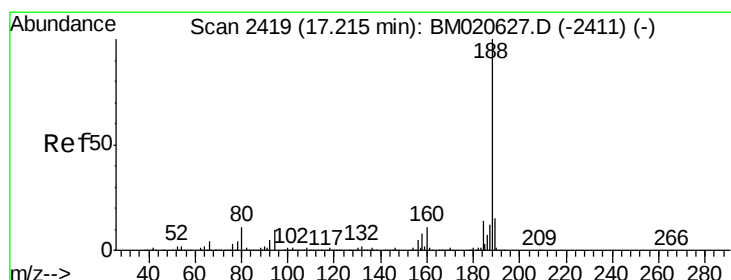
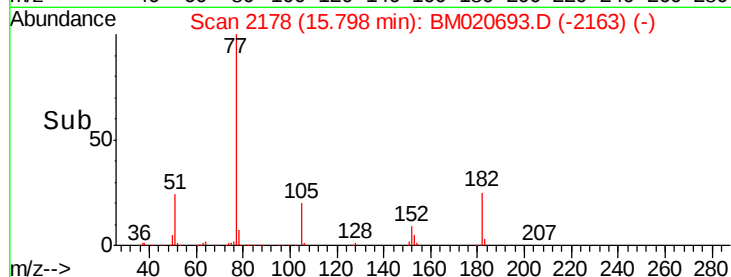
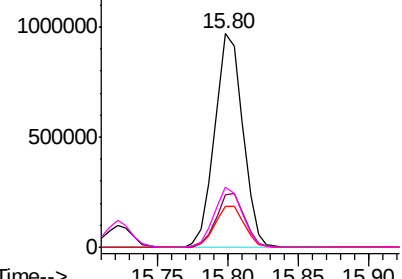
#63
Azobenzene
Concen: 10.599 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Instrument :
BNA_M
ClientSampled :
PB120172BS

Tgt Ion: 77 Resp: 1338250
Ion Ratio Lower Upper
77 100
182 24.3 3.6 43.6
105 19.4 0.0 39.4
51 28.1 9.5 49.5

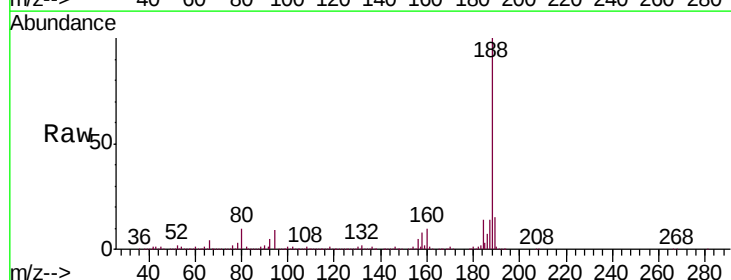


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

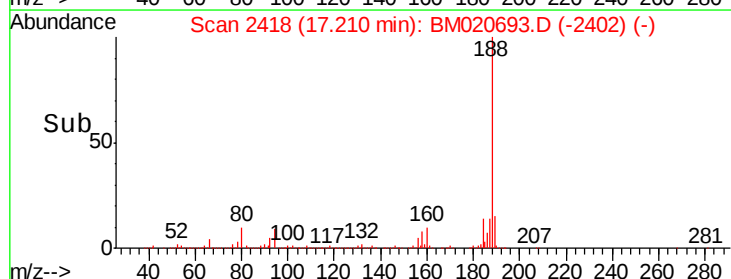
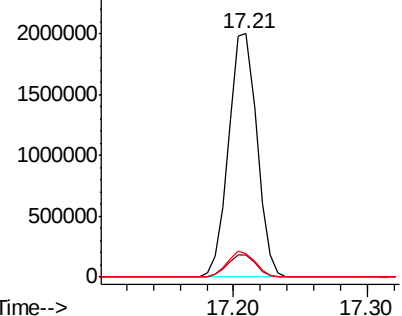


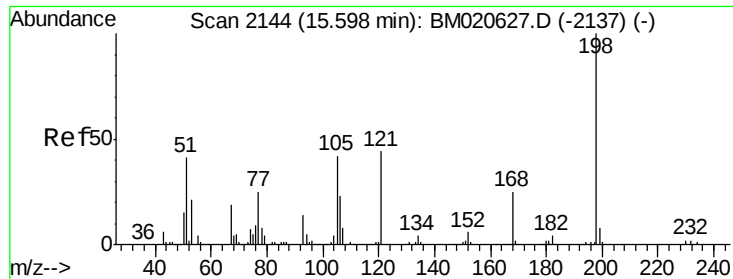
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion: 188 Resp: 2926040
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.8
80 9.8 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 17.877 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

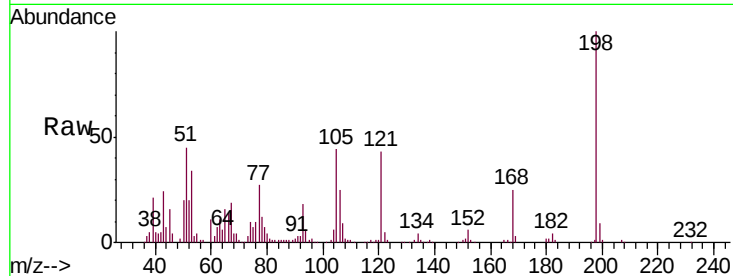
Tgt Ion:198 Resp: 148044

Ion Ratio Lower Upper

198 100

51 45.0 27.7 67.7

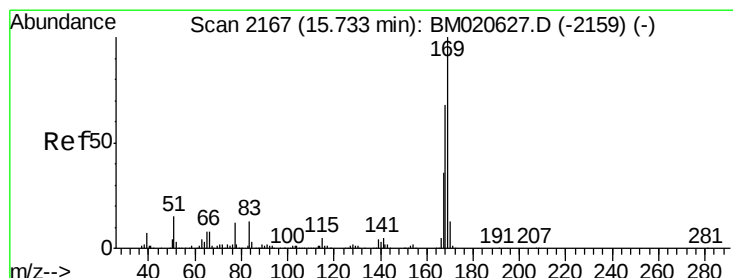
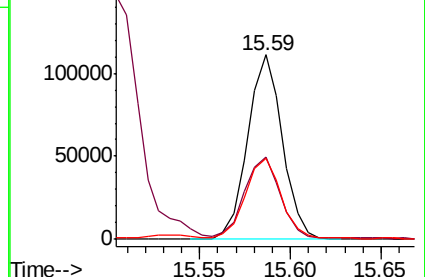
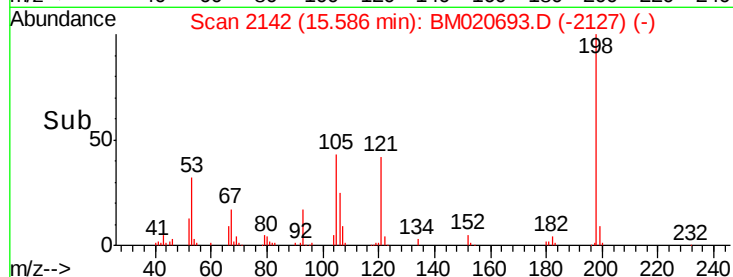
105 44.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 12.150 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

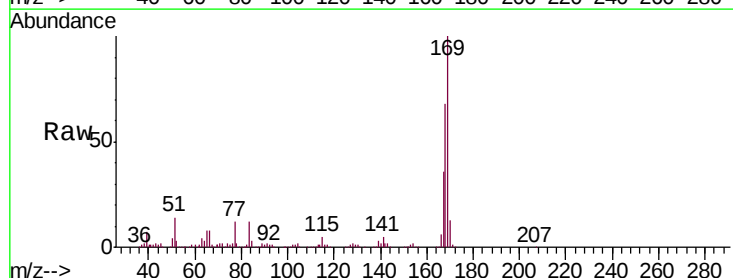
Tgt Ion:169 Resp: 1138059

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.4

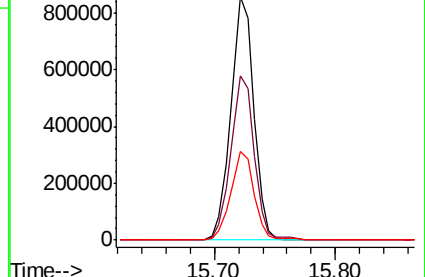
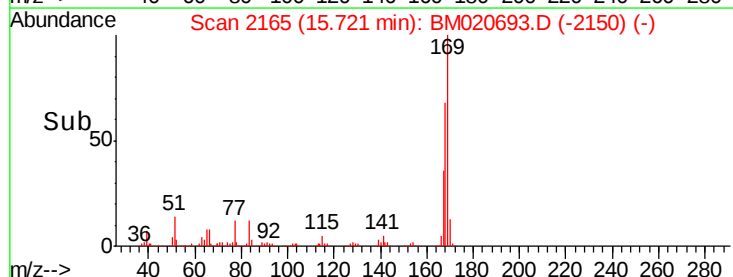
167 36.3 29.1 43.7

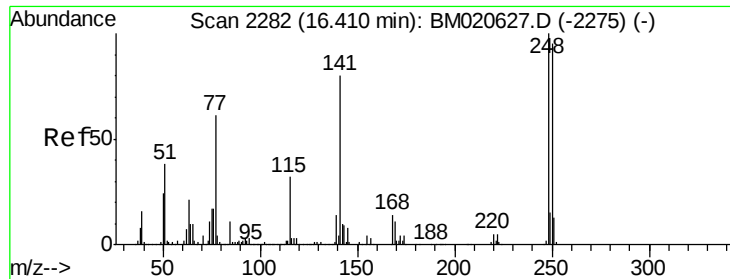


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

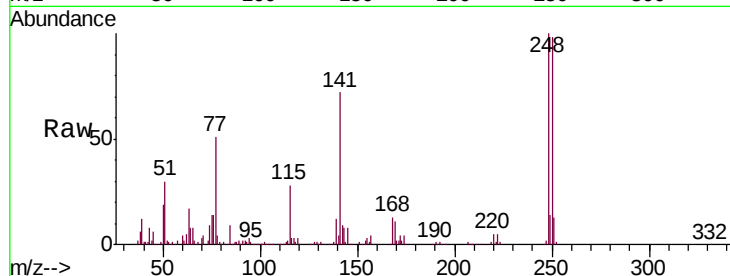




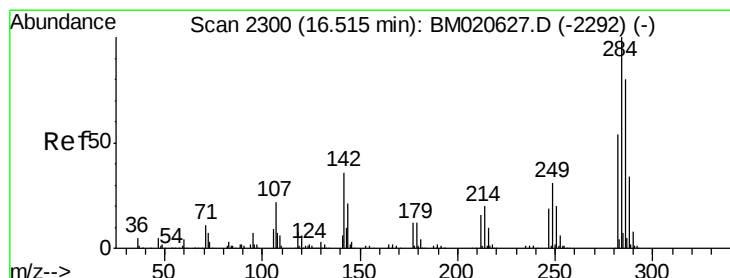
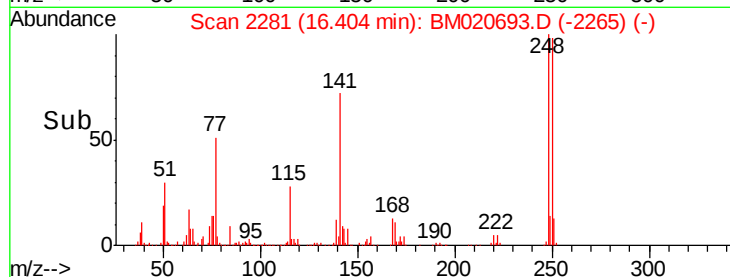
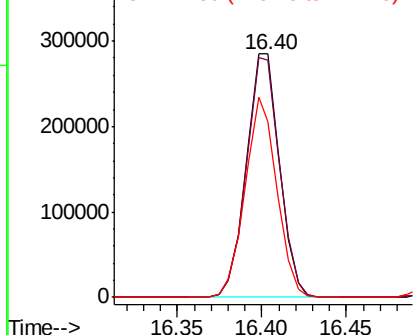
#67
4-Bromophenyl-phenylether
Concen: 11.338 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion:248 Resp: 390604
Ion Ratio Lower Upper
248 100
250 97.6 76.3 114.5
141 72.2 64.2 96.2

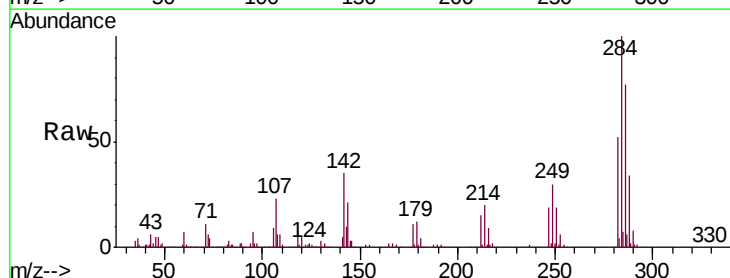


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

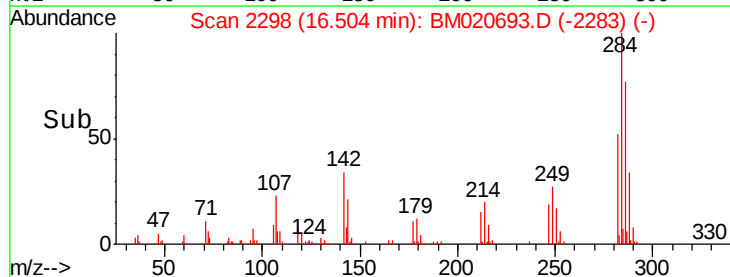
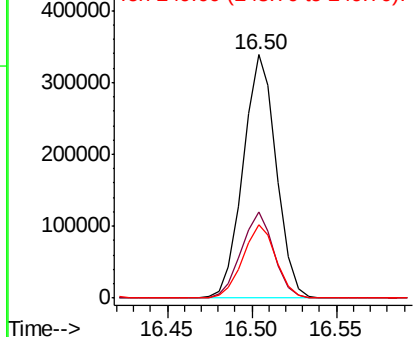


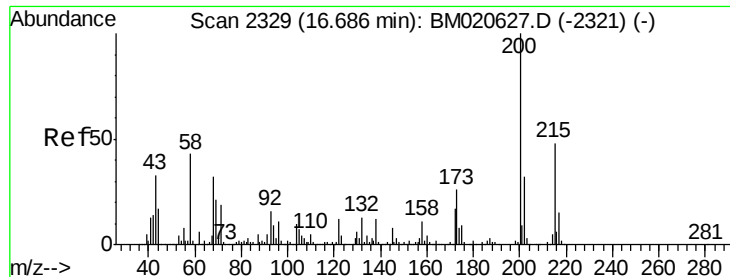
#68
Hexachlorobenzene
Concen: 11.466 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:284 Resp: 461250
Ion Ratio Lower Upper
284 100
142 35.3 28.6 42.8
249 30.2 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 12.615 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

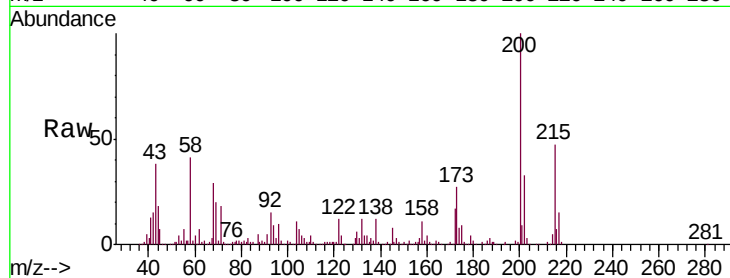
Tgt Ion:200 Resp: 352669

Ion Ratio Lower Upper

200 100

173 26.5 6.2 46.2

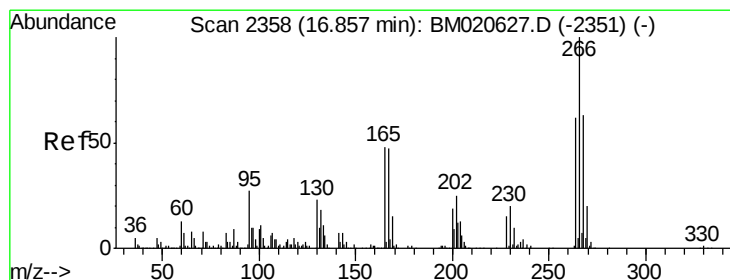
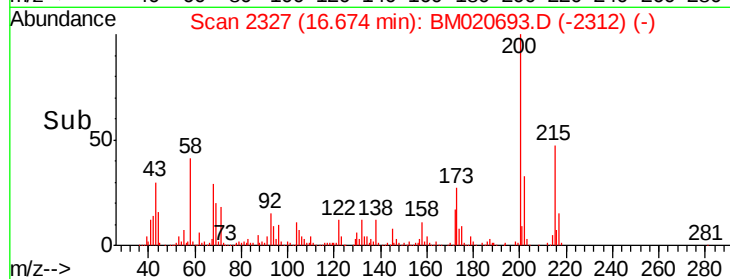
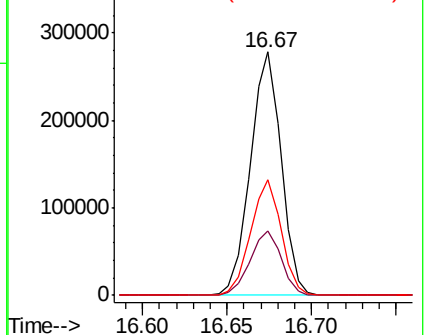
215 47.4 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 27.963 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

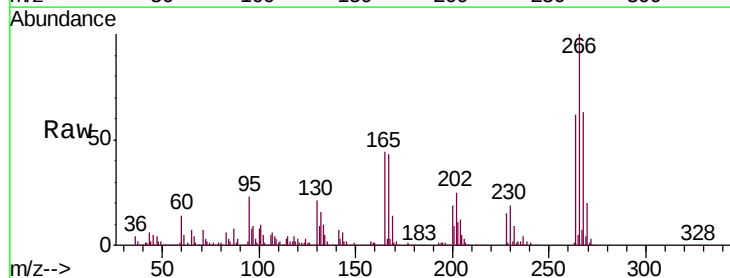
Tgt Ion:266 Resp: 536650

Ion Ratio Lower Upper

266 100

268 62.6 50.6 75.8

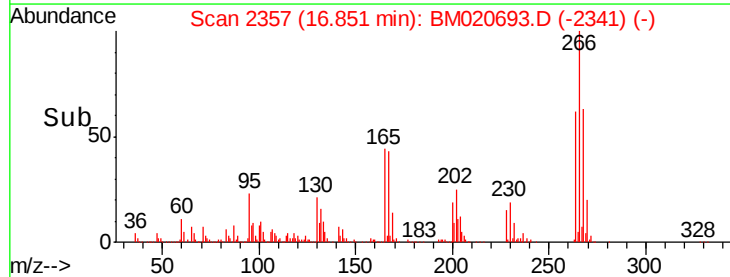
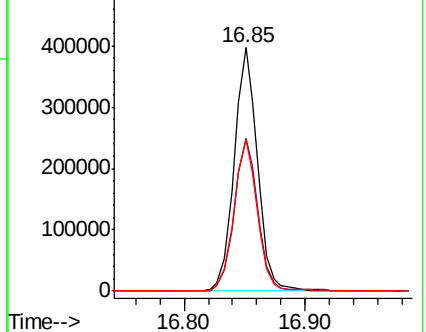
264 62.0 49.6 74.4

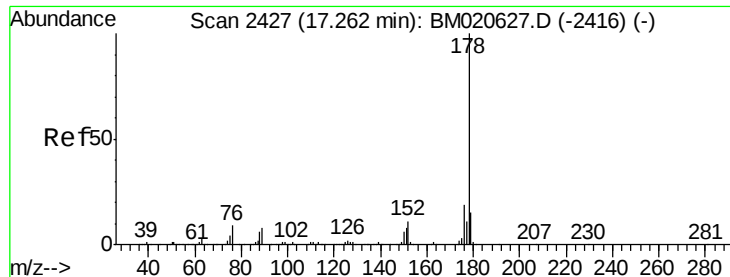


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

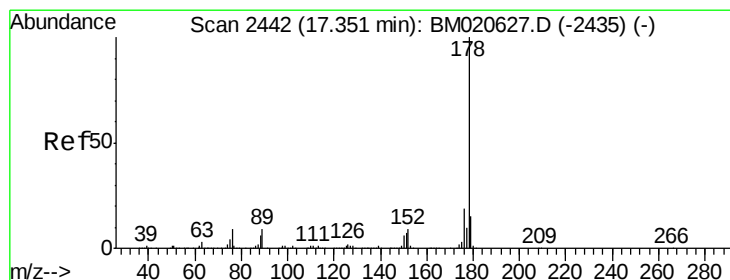
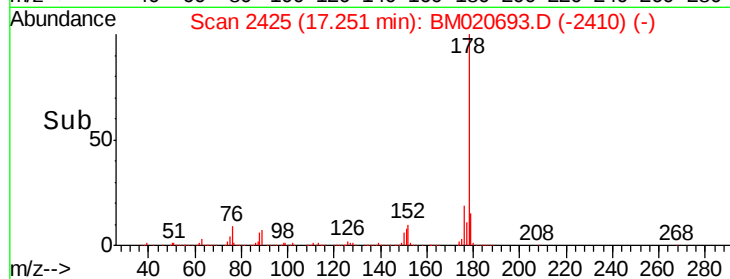
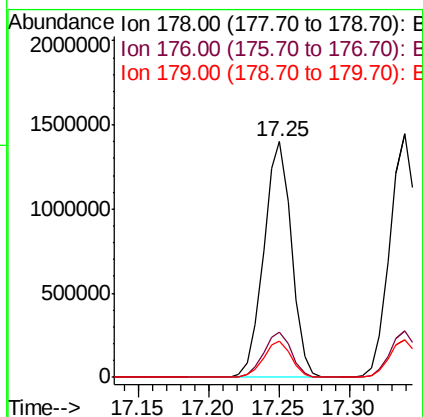
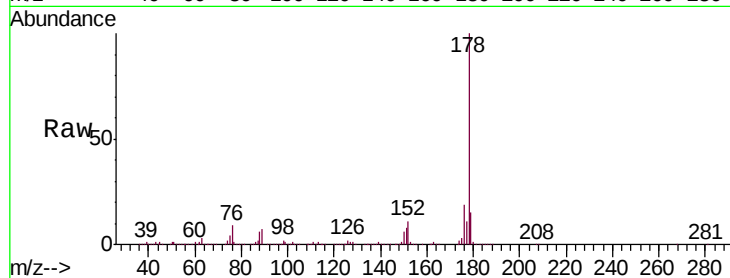




#71
Phenanthrene
Concen: 11.664 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

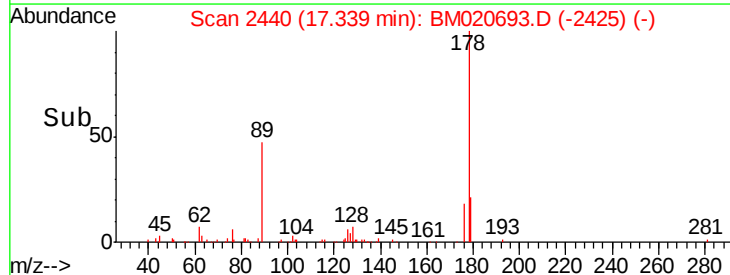
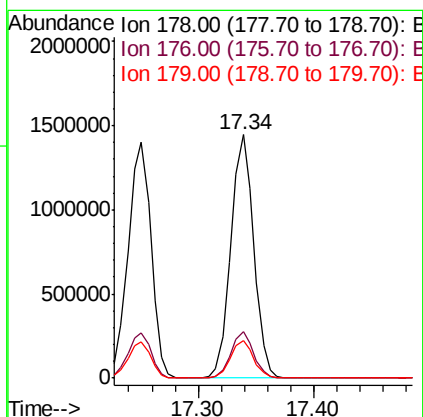
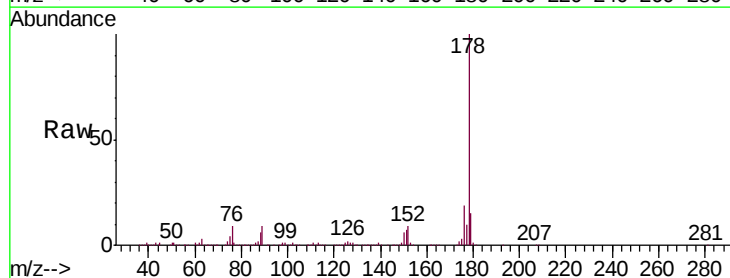
Instrument :
BNA_M
ClientSampleId :
PB120172BS

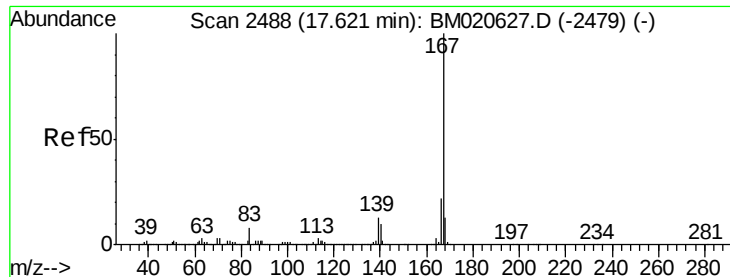
Tgt Ion:178 Resp: 1934493
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 11.919 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:178 Resp: 1978643
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.4 12.3 18.5

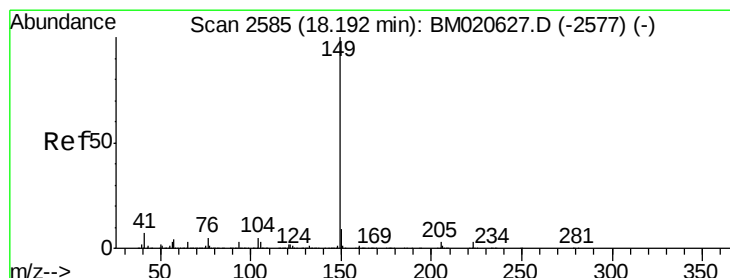
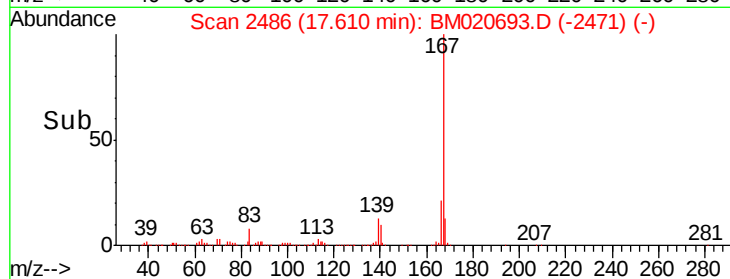
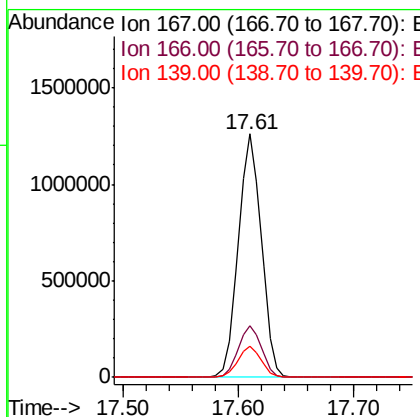
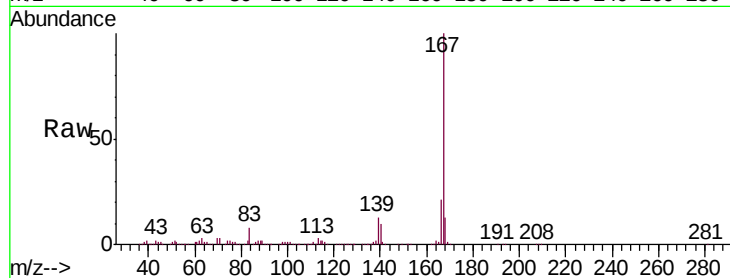




#73
 Carbazole
 Concen: 11.574 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

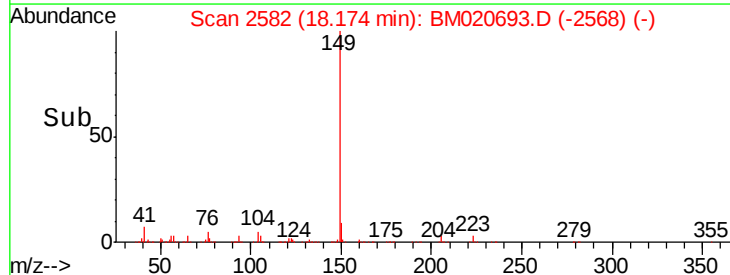
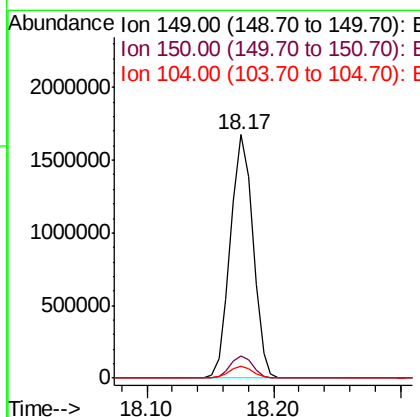
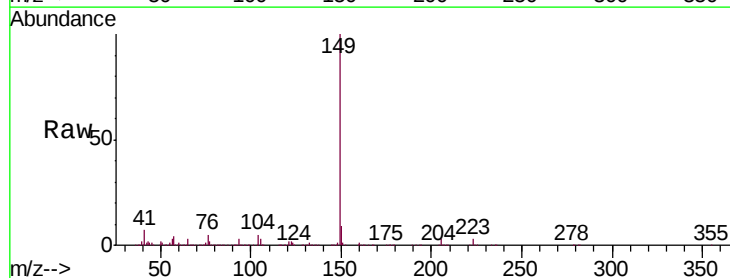
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

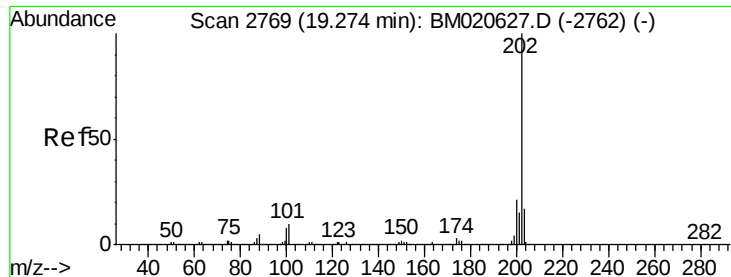
Tgt Ion:167 Resp: 1743530
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.5 26.3
 139 12.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 10.513 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Tgt Ion:149 Resp: 2055858
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 11.300 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

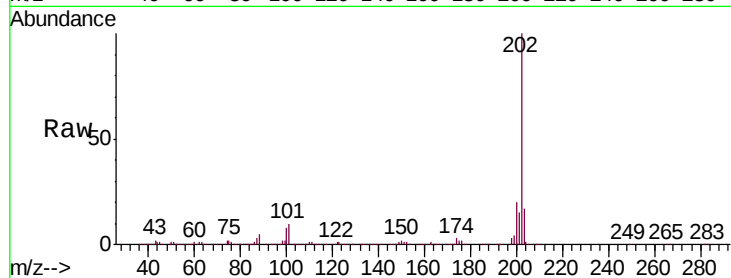
Tgt Ion:202 Resp: 2084197

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.4

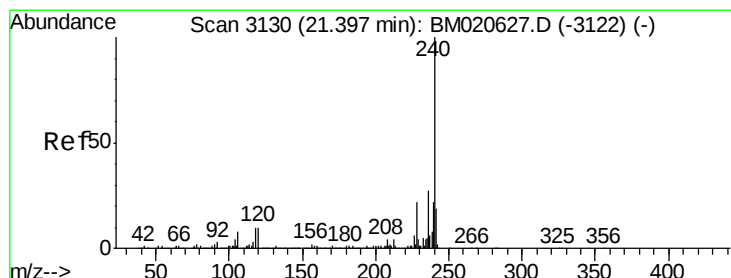
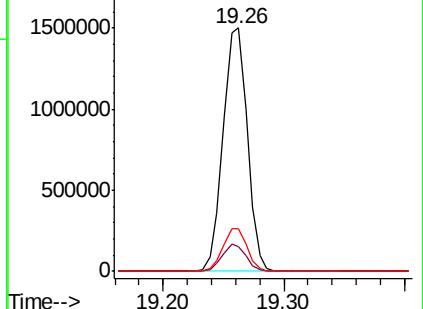
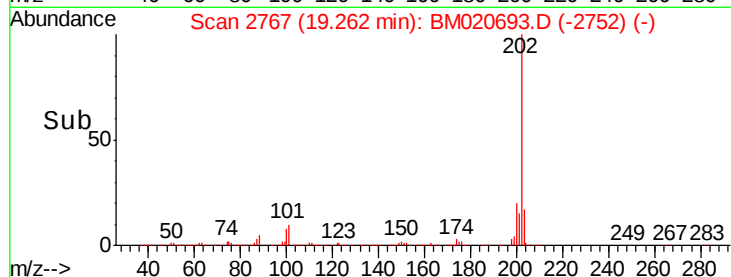
203 17.4 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

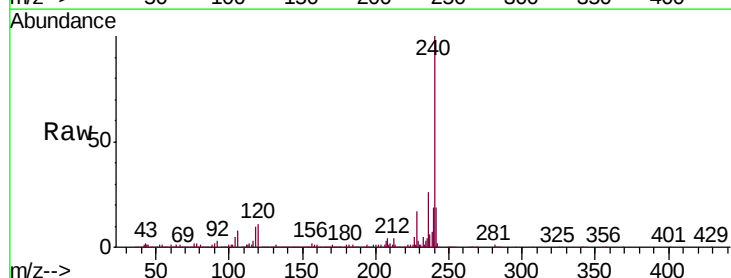
Tgt Ion:240 Resp: 2720909

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

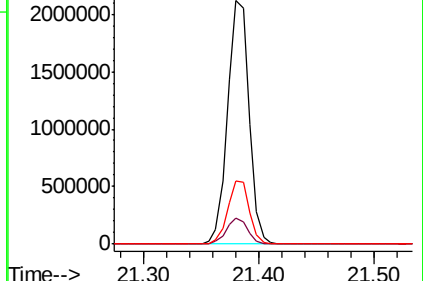
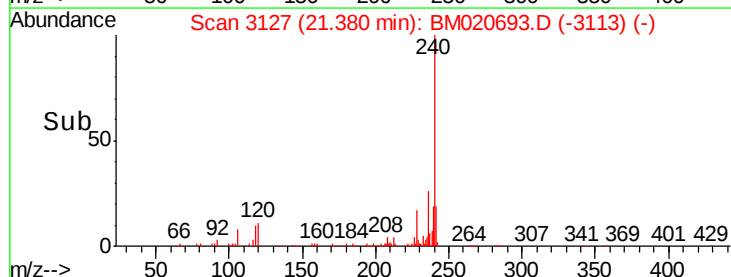
236 26.0 21.2 31.8

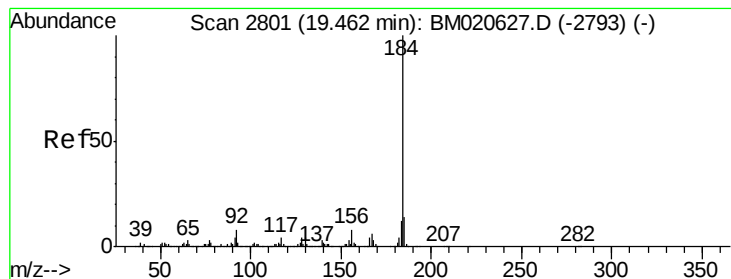


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.834 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

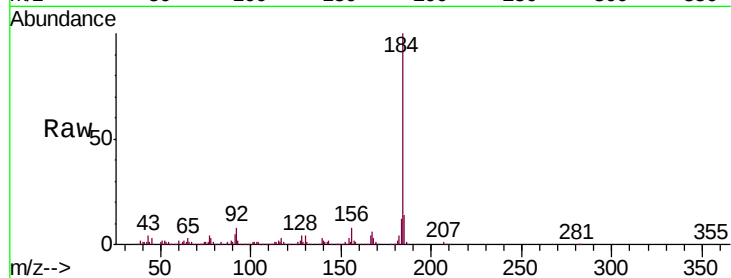
Tgt Ion:184 Resp: 1058147

Ion Ratio Lower Upper

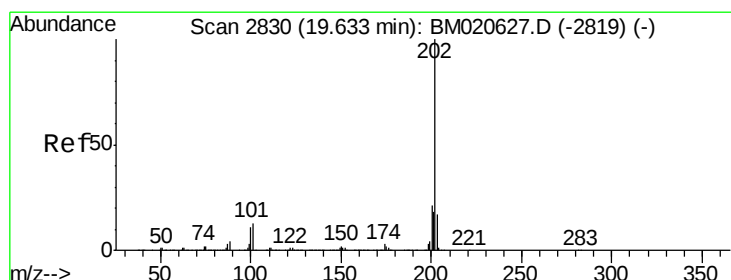
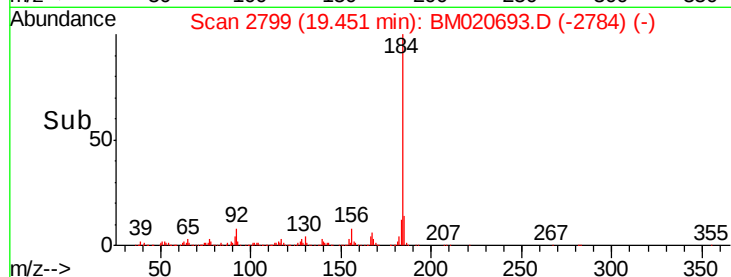
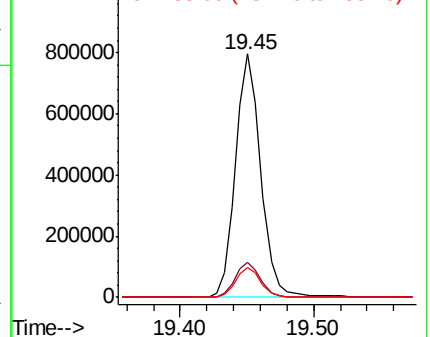
184 100

185 14.4 11.3 16.9

183 12.2 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.200 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

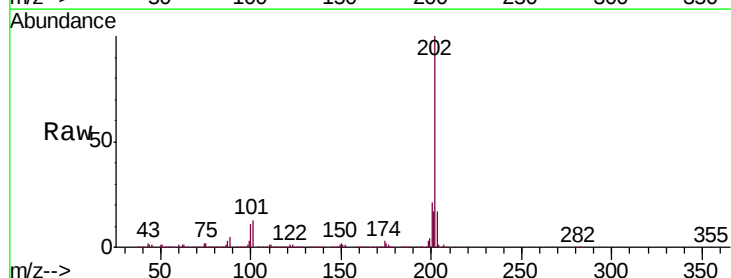
Tgt Ion:202 Resp: 2129763

Ion Ratio Lower Upper

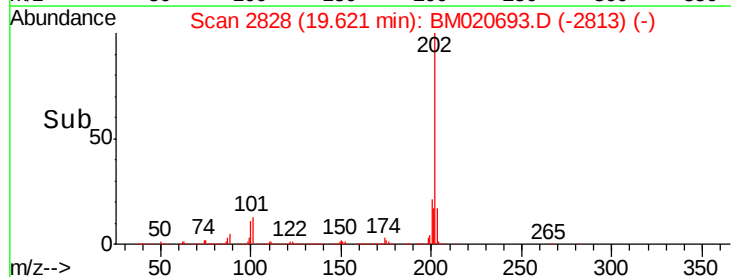
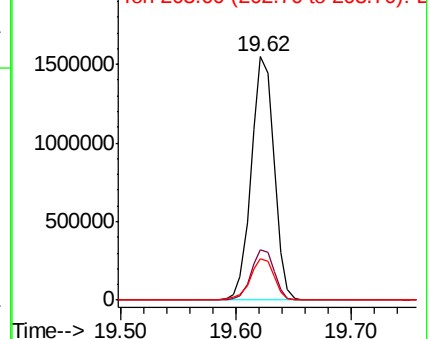
202 100

200 20.7 16.8 25.2

203 17.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

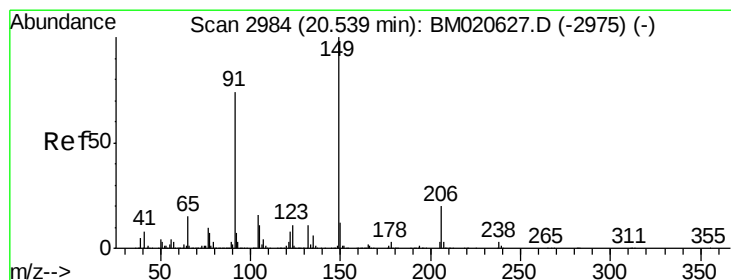
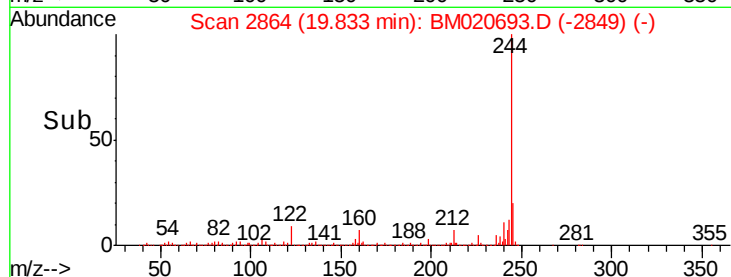
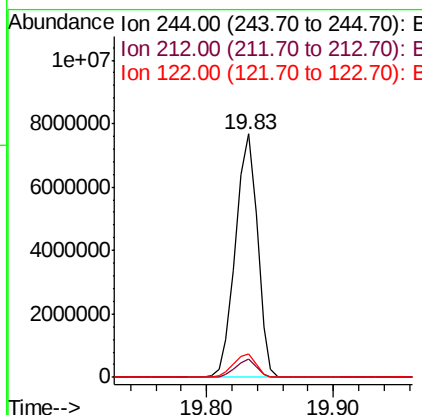
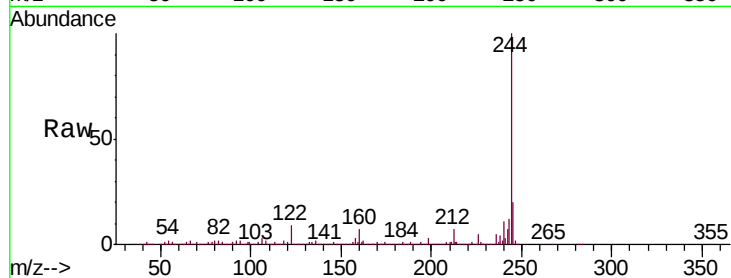




#79
 Terphenyl-d14
 Concen: 56.317 ng
 RT: 19.83 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

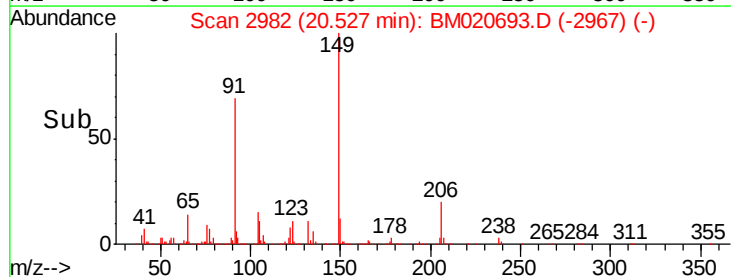
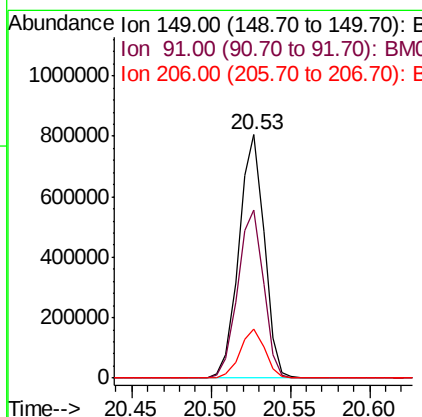
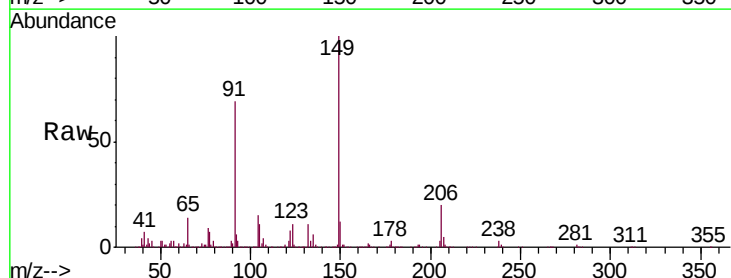
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

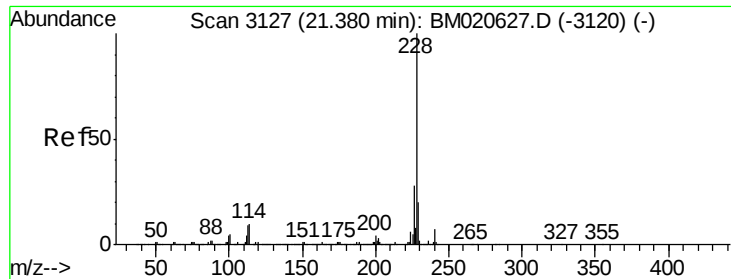
Tgt Ion:244 Resp: 9161175
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.4 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 10.080 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020693.D
 Acq: 04 Jun 2019 07:06

Tgt Ion:149 Resp: 889440
 Ion Ratio Lower Upper
 149 100
 91 69.3 59.6 89.4
 206 20.2 15.7 23.5

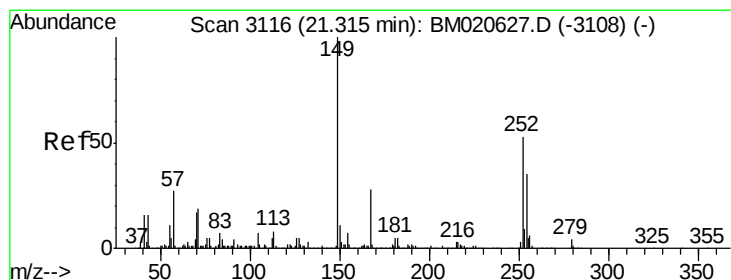
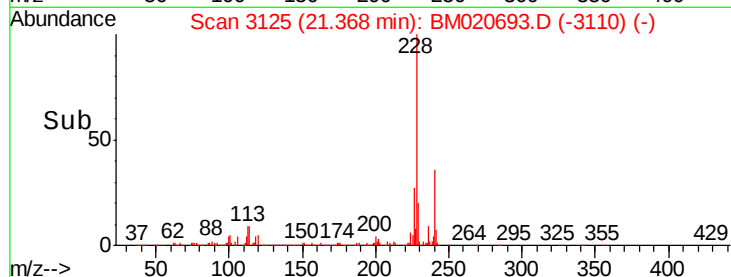
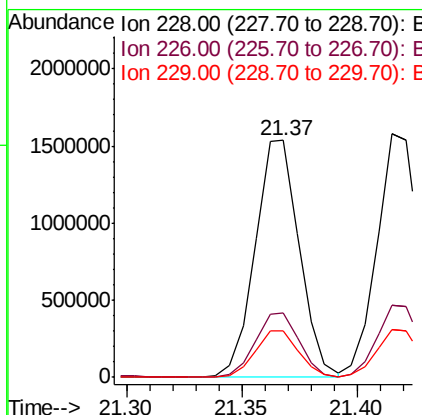
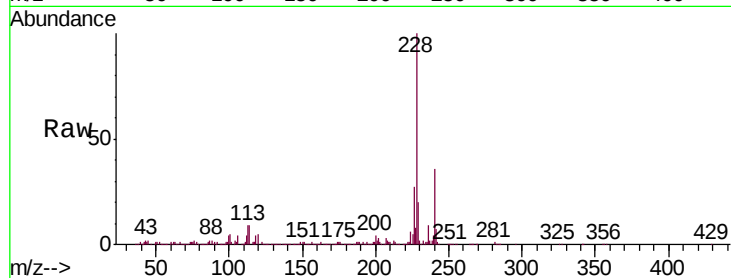




#81
Benzo(a)anthracene
Concen: 10.797 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

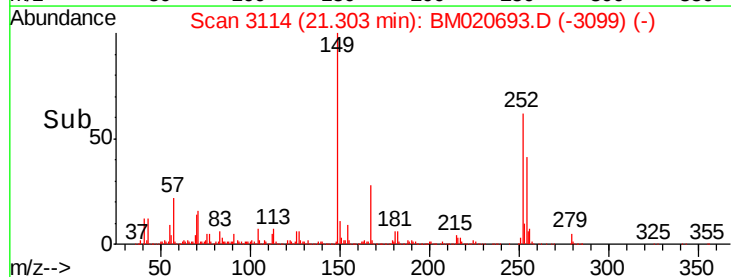
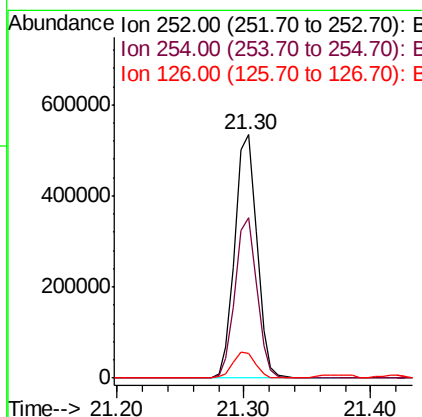
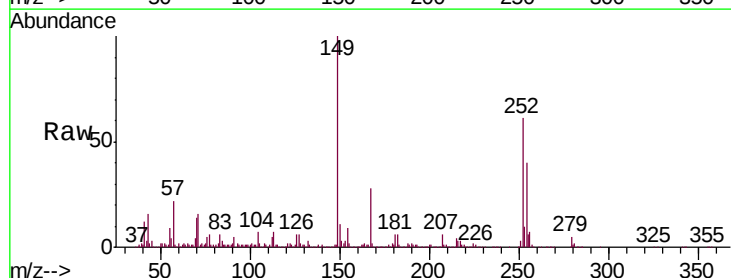
Instrument :
BNA_M
ClientSampleId :
PB120172BS

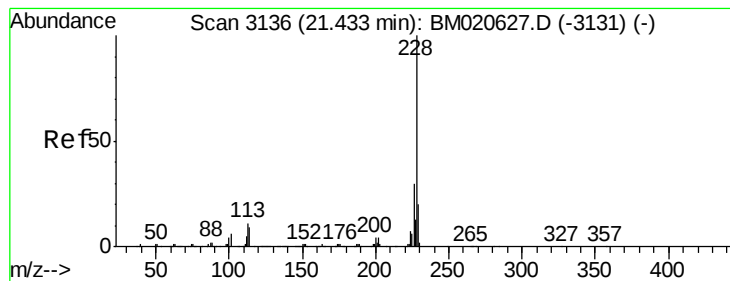
Tgt Ion:228 Resp: 2045729
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.6 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 9.306 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:252 Resp: 645716
Ion Ratio Lower Upper
252 100
254 65.9 52.6 78.8
126 10.0 8.0 12.0





#83

Chrysene

Concen: 11.179 ng

RT: 21.42 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

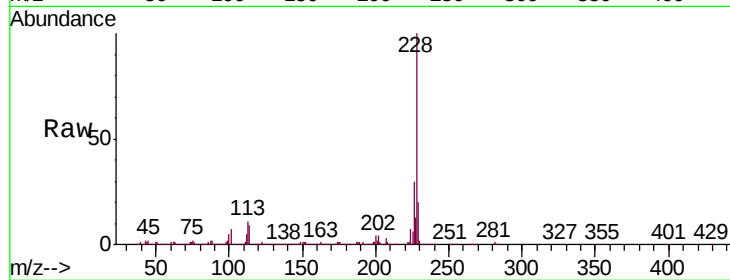
Tgt Ion:228 Resp: 2013530

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

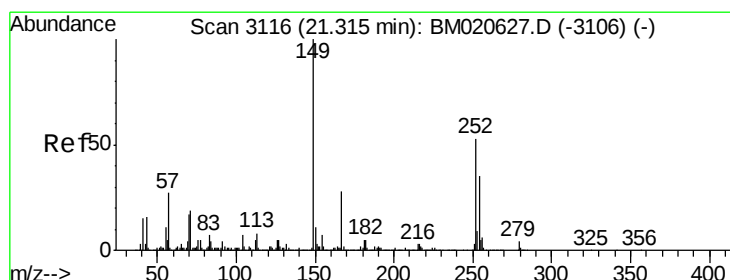
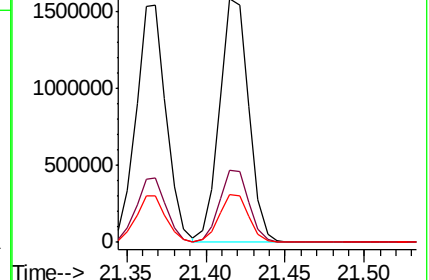
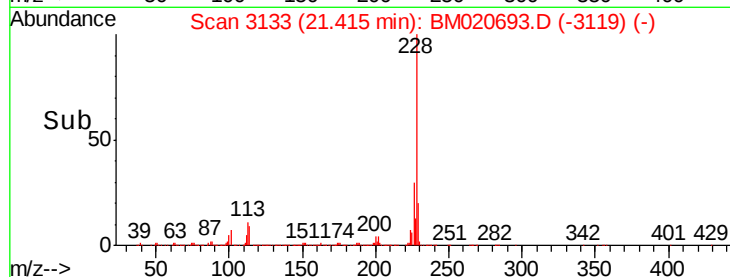
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.564 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

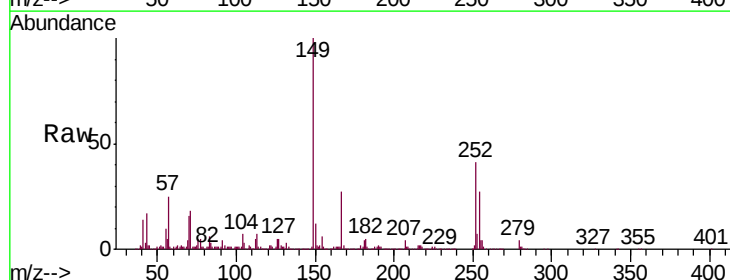
Tgt Ion:149 Resp: 1226499

Ion Ratio Lower Upper

149 100

167 27.0 22.1 33.1

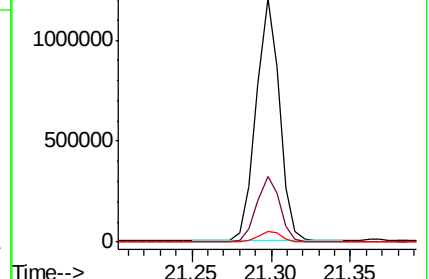
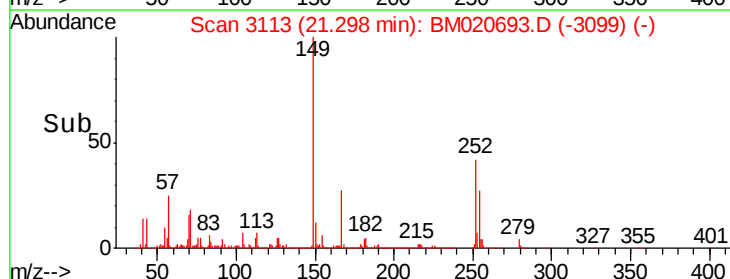
279 4.1 3.4 5.0

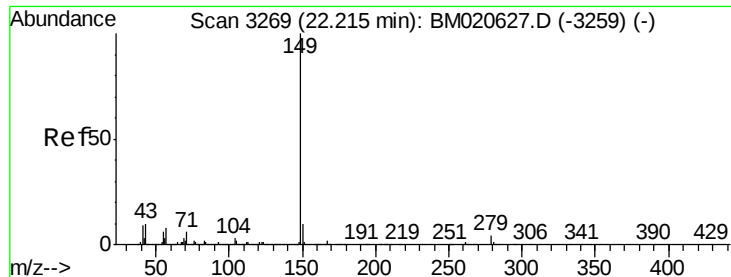


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 10.277 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.02 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

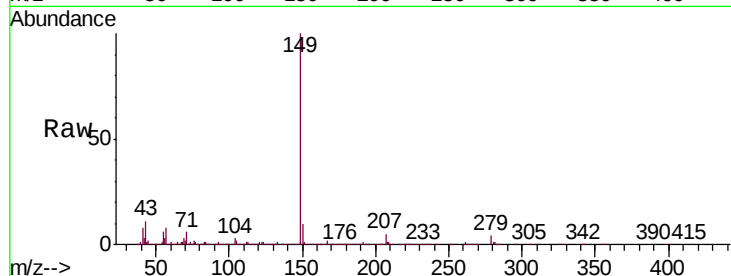
Tgt Ion:149 Resp: 2092475

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

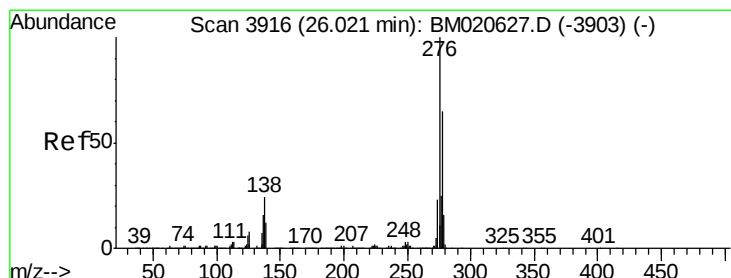
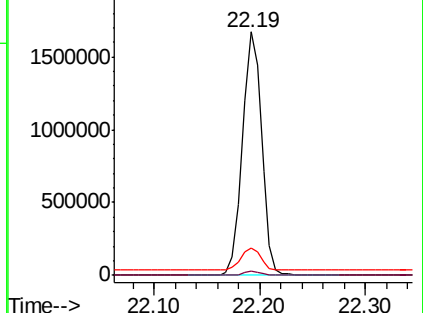
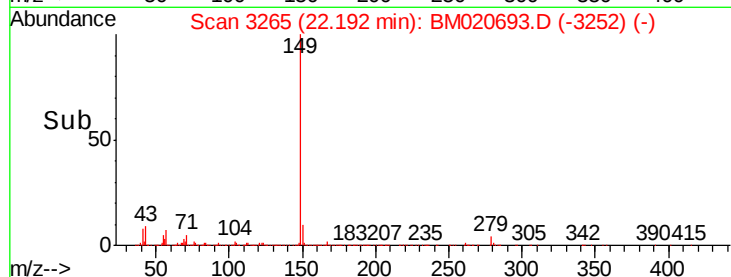
43 9.8 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 16.004 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

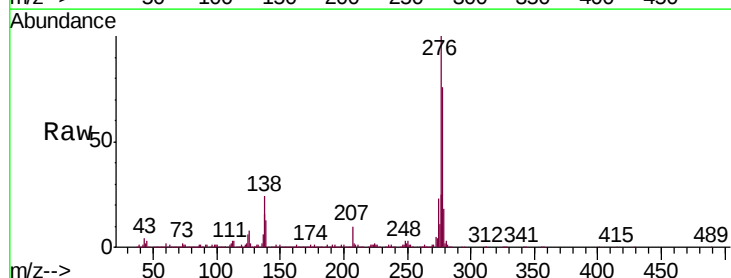
Tgt Ion:276 Resp: 2948918

Ion Ratio Lower Upper

276 100

138 24.1 19.8 29.8

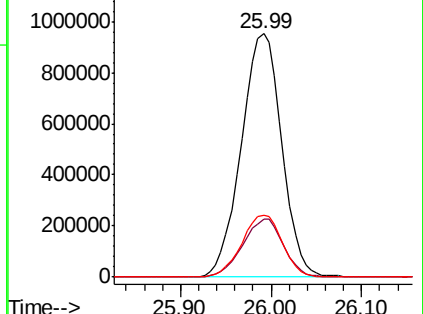
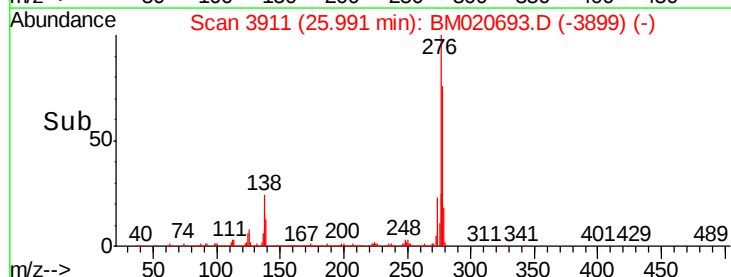
277 25.6 20.2 30.4

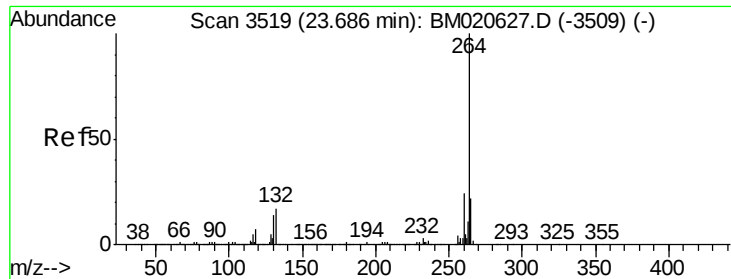


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

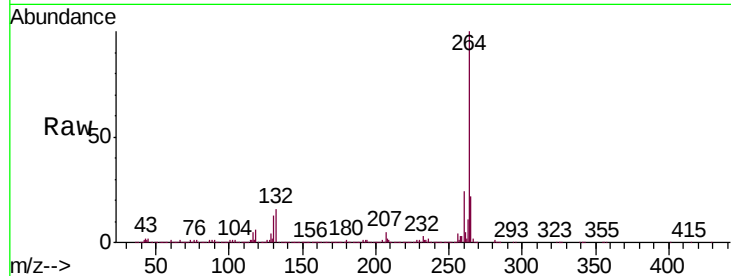
Tgt Ion:264 Resp: 3404396

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.6	26.4

264 100

260 23.8 19.2 28.8

265 21.6 17.6 26.4

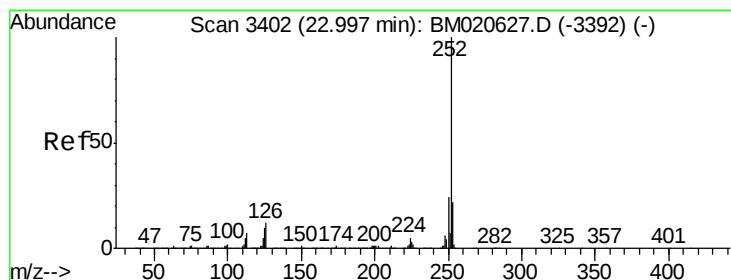
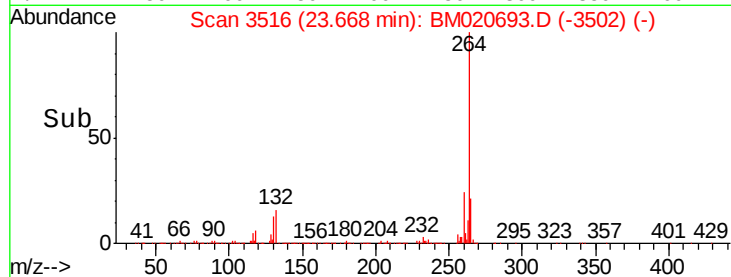
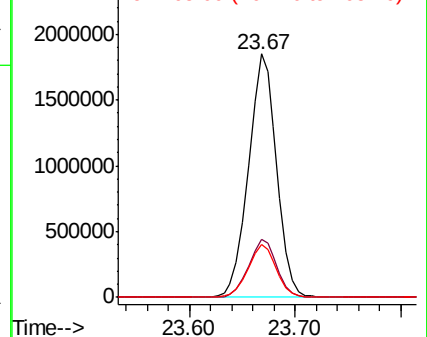


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 9.995 ng

RT: 22.98 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

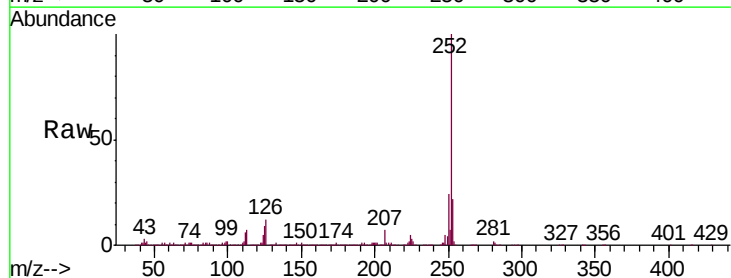
Tgt Ion:252 Resp: 2249055

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	9.4	7.8	11.8

252 100

253 21.7 17.4 26.2

125 9.4 7.8 11.8

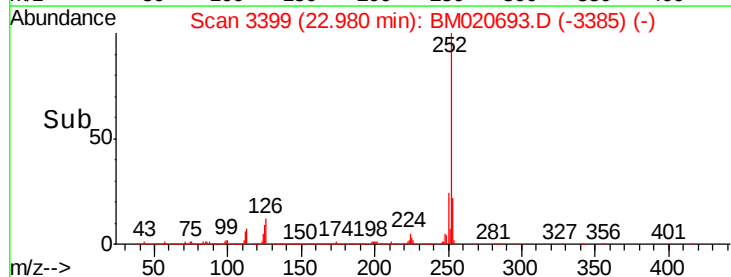
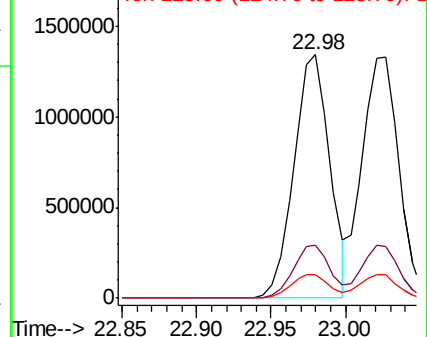


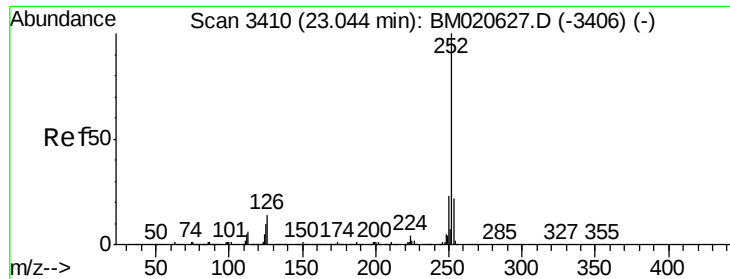
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

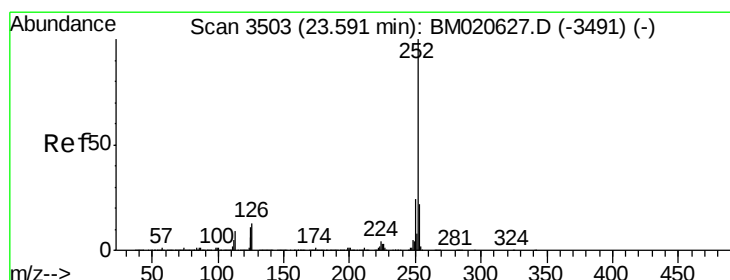
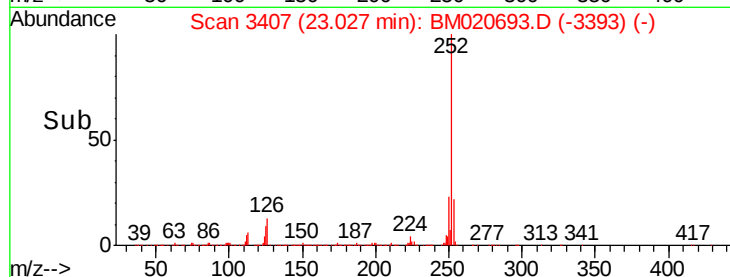
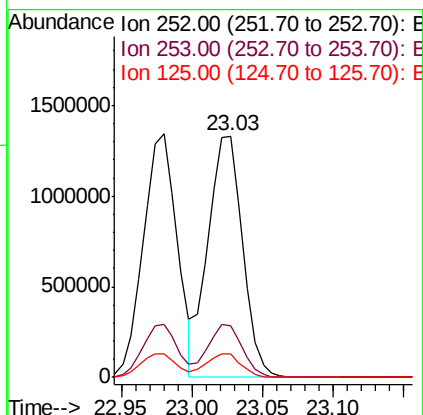
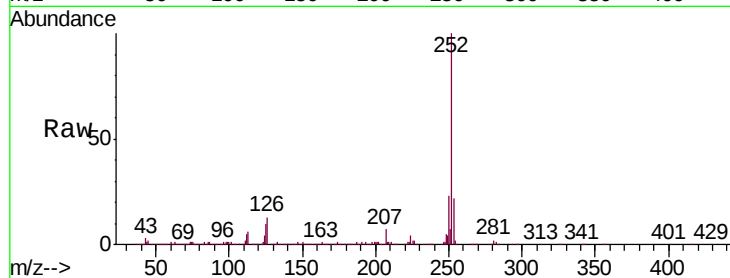




#89
Benzo(k)fluoranthene
Concen: 10.271 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

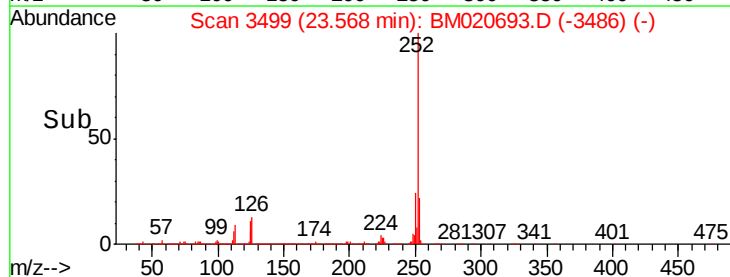
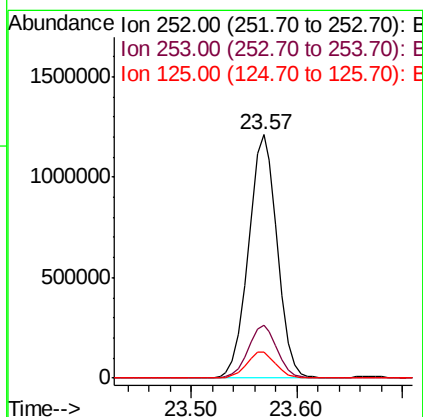
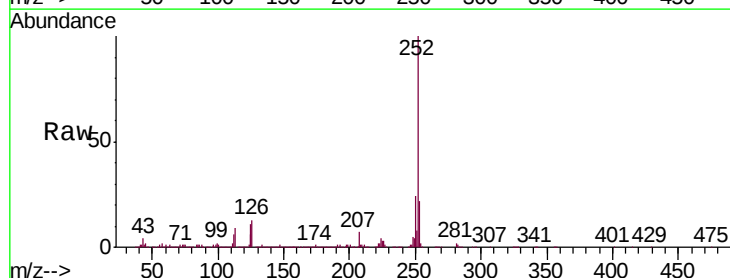
Instrument :
BNA_M
ClientSampleId :
PB120172BS

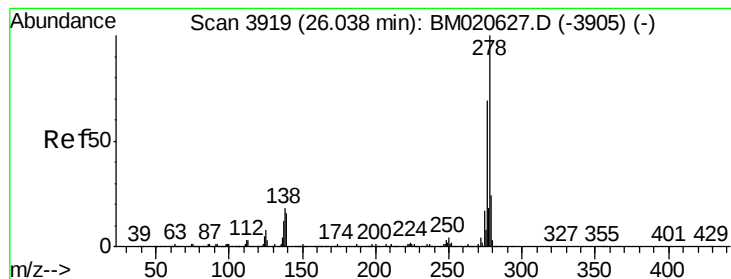
Tgt Ion:252 Resp: 2258469
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.6 7.8 11.8



#90
Benzo(a)pyrene
Concen: 11.180 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020693.D
Acq: 04 Jun 2019 07:06

Tgt Ion:252 Resp: 2281710
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 12.505 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.04 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

Instrument :

BNA_M

ClientSampleId :

PB120172BS

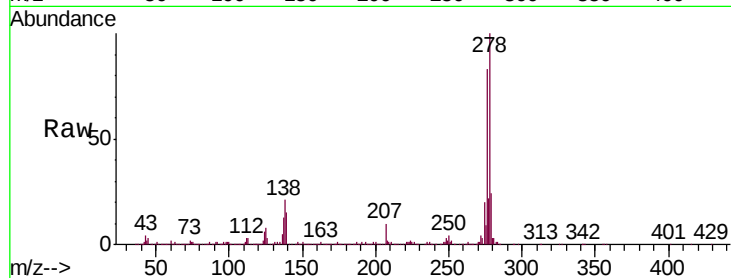
Tgt Ion:278 Resp: 2476091

Ion Ratio Lower Upper

278 100

139 15.0 12.6 18.8

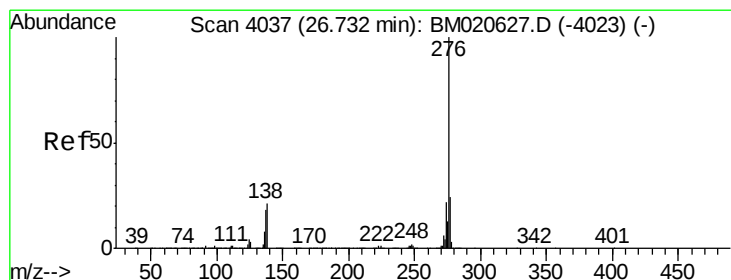
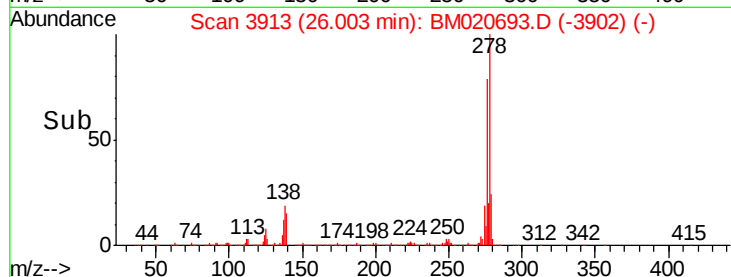
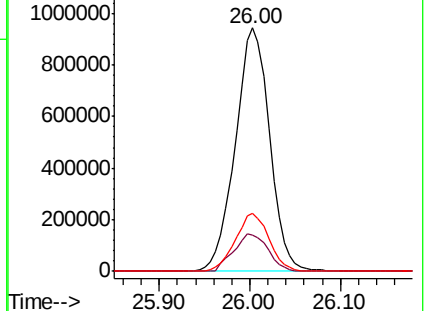
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 13.165 ng

RT: 26.70 min Scan# 4032

Delta R.T. -0.03 min

Lab File: BM020693.D

Acq: 04 Jun 2019 07:06

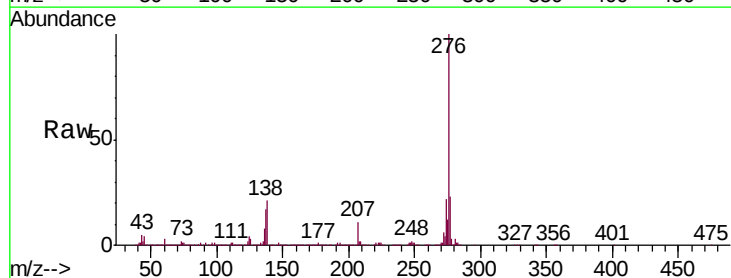
Tgt Ion:276 Resp: 2421291

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 20.6 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

